#### Exhibit B

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> LONDON ECONOMICS

717 Atlantic Ave., Suite 1A Boston, MA 02111 USA Tel: (617) 933-7200 Fax: (617) 933-7201

March 24, 2023

Official Committee of Unsecured Creditors of the Puerto Rico Electric Power Authority c/o Paul Hastings LLP 200 Park Avenue
New York, NY

Tel: (212)-318-6000

Attention: Alexander G. Bongartz E-mail: alexbongartz@paulhastings.com

#### **Invoice #7784**

Professional fees accrued from February 1, 2023 through February 28, 2023 associated with the April 22, 2022 agreement between London Economics International LLC ("LEI") and The Official Committee of Unsecured Creditors of the Puerto Rico Electric Power Authority (the "Committee"), which was submitted for approval on April 26, 2022 and approved by the Court on May 9, 2022. A detailed log of tasks performed during this period is included in Appendix A.

At this time, LEI is seeking payment for 90% of the accrued professional fees (after the 10% holdback) in the amount of \$38,875.50 and 100% of the reimbursable expenses in the amount of \$807.75 for a total payment amount of \$39,683.25.

#### Professional Fees - services performed outside Puerto Rico

<b>Employee</b>	Title	Hours	Rate	Total
Julia Frayer	Managing Director	17.30	\$ 900.00	\$ 15,570.00
Ryan Ngai	Research Associate	68.30	\$ 325.00	\$ 22,197.50
Luke Marham	Research Associate	16.70	\$ 325.00	\$ 5,427.50
<b>Total Professional Fees</b>		102.30		\$ 43,195.00
Reimbursable Expenses				
Data Acquisition				\$ 807.75
Subtotal Reimbursable Ex	penses			\$ 807.75
Total Invoice Amount				\$ 44,002.75

#### Proceeds can be wired to:

Citizens Bank, NA
One Citizens Drive
Riverside, RI 02915
Routing/ABA #:011500120
SWIFT Code: CTZIUS33

London Economics International LLC

Account #: 113748-457-5

#### Proceeds can be sent via ACH to:

Citizens Bank, NA
One Citizens Drive
Riverside, RI 02915
Routing/ABA #: 211070175
London Economics International LLC
Account #: 113748-457-5

#### Appendix A: Hours Log

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<u>Date</u> 2/1/2023	Total hrs	Activities review new materials circulated to the Committee by A Bongartz (PH),	<u>Employee</u> Julia Frayer
2/1/2023	0.50	including PREPA Load Forecast and Illustrative Cash Flow	Julia Frayer
2/1/2023	1.10	update PREPA rate model to reflect Genera O&M agreement	Ryan Ngai
2/2/2023	0.30	attend Committee meeting call	Julia Frayer
2/6/2023	0.60	review new materials (Summaries of Objections to PREPA Disclosure Statement) circulated to the Committee by A Bongartz (PH)	Julia Frayer
2/6/2023	0.40	initial review of the Genera O&M agreement	Julia Frayer
2/8/2023	0.10	attend Committee meeting call	Julia Frayer
2/8/2023	2.70	review Genera O&M Agreement	Ryan Ngai
2/8/2023	0.10	attend Committee meeting call	Ryan Ngai
2/9/2023	0.30	consider future developments in litigation and Committee needs for March 2023 budget development purposes	Julia Frayer
2/9/2023	2.40	review Genera O&M Agreement	Luke Markham
2/9/2023		draft initial outline of Genera O&M agreement slide deck for the committee	Luke Markham
2/10/2023		review Genera O&M agreement	Julia Frayer
2/10/2023		internal call (JF, LM, RN) to discuss Genera O&M agreement and associated slide deck	Julia Frayer
2/10/2023	2.80	draft slides for O&M Agreement slide deck	Luke Markham
2/10/2023	1.10	internal call (JF, LM, RN) to discuss Genera O&M agreement and associated slide deck	Luke Markham
2/10/2023		internal call (JF, LM, RN) to discuss Genera O&M agreement and associated slide deck	Ryan Ngai
2/10/2023		expand O&M slide deck from 3-slide outline to 17 slides to incorporate feedback from JF	Ryan Ngai
2/11/2023	0.10	review email from F Dellaforno (M Solar) on next steps for one off grid potential customers	Julia Frayer
2/13/2023		review draft O&M slide deck and provide comments to Team	Julia Frayer
2/13/2023	0.20	start reviewing the request from S Martinez (AlixPartners) on new	Julia Frayer
2/13/2023	2.20	disclosure statement appendices about feasibility address comments from JF on O&M slide deck, added additional slides	Luke Markham
2/42/2022	2.40	for what-if scenarios	
2/13/2023		continue analyzing Genera O&M agreement for slide deck	Luke Markham
2/13/2023	2.30	revise slide deck on Genera O&M agreement in line with JF comments, added additional charts & analysis	Ryan Ngai
2/13/2023		continue reviewing Genera O&M agreement for additional details	Ryan Ngai
2/14/2023		review updated draft O&M slide deck in conjunction with the GenCo O&M agreement	Julia Frayer
2/14/2023	0.60	review certain exhibits to Disclosure Statement on legacy charges and consider the language for objection from S Martinez (Alix Partners)	Julia Frayer
2/14/2023	0.60	internal call (JF, RN) on Genera O&M agreement slide deck	Julia Frayer
2/14/2023	0.10	reach out to Black & Veatch to confirm participation in Genera	Ryan Ngai
		consortium operating PREPA generation fleet (no response, cursory followup research)	
2/14/2023	0.60	internal call (JF, RN) on Genera O&M agreement slide deck	Ryan Ngai
2/14/2023	2.60	revise slide deck on Genera O&M agreement to incorporate comments from JF regarding the modeling impact of OMA on the PREPA system	Ryan Ngai
2/14/2023	3.80	adjust LEI PREPA rate model to integrate Genera O&M costs, fees, and projected savings	Ryan Ngai
2/15/2023	0.20	review legacy charge documents from S Martinez (Alix Partners)	Julia Frayer
2/15/2023	0.70	internal call (JF, RN) to dicuss legacy charge proposal	Julia Frayer
2/15/2023	0.30	review comments on slides and prep talking points	Julia Frayer
2/15/2023	0.50	make final edits to O&M Agreement slide deck	Luke Markham
2/15/2023	0.50	revise slide deck on Genera O&M agreement for final distribution to Committee	Ryan Ngai
2/15/2023	0.70	internal call (JF, RN) to dicuss legacy charge proposal	Ryan Ngai
2/15/2023	3.90	draft response and analysis to S Martinez (Alix Partners) on legacy charge proposal	Ryan Ngai
2/16/2023	1.00	attend Committee meeting call	Julia Frayer
2/16/2023	1.00	attend Committee meeting call	Ryan Ngai
2/17/2023	0.20	follow up with J Casillas (counsel) and F Dellaforno (M Solar) on contacts on island for customer outreach	Julia Frayer
2/21/2023	0.10	email J Casillas (counsel) on industrial customer outreach	Julia Frayer

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2/21/2023	0.10	call with F Dellaforno (M Solar) to discuss offgrid perceptions	Julia Frayer
2/21/2023	2.30	research offgrid economics, incentives	Ryan Ngai
2/21/2023	1.60	research new build costs for offgrid renewables in rate model	Ryan Ngai
2/21/2023		research behaviour of consumers in developing economies	Ryan Ngai
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2/21/2023	1.50	update LEI rate model for assumptions on new build costs for offgrid renewables	Ryan Ngai
2/22/2023	0.60	review new document related to OMA	Julia Frayer
2/22/2023	1.70	internal call (JF, RN) to review cost of offgrid solution for residential	Julia Frayer
		customers in LEI's rate model	
2/22/2023	1.60	in depth review of P3A and FTI Reports on O&M Agreement to compare our analysis with other institutions	Luke Markham
2/22/2023	1.70	internal call (JF, RN) to review cost of offgrid solution for residential	Ryan Ngai
		customers in LEI's rate model	
2/22/2023	3.80	update LEI rate model assumptions with the economics of going fully offgrid for residential customers to analyze the impact on PREPA system	Ryan Ngai
2/22/2022	2 40		Duran Nani
2/22/2023	2.40	research offgrid economics and "nudge factors" behind customers	Ryan Ngai
		totally defecting from grids	
2/23/2023	0.50	attend Committee meeting call	Julia Frayer
2/23/2023	0.50	attend Committee meeting call	Ryan Ngai
2/23/2023	1.10	review NREL report on wind economics in Puerto Rico	Ryan Ngai
2/23/2023		integrate assumptions from the NREL report on wind economics in	Ryan Ngai
2/23/2023	1.70	Puerto Rico into LEI rate model	Nyun Ngui
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2/23/2023	3.40	update LEI rate model assumptions with the economics of going fully	Ryan Ngai
		offgrid for commerical customers to analyze the impact on PREPA	
		system	
2/23/2023	1.60	research CHP cost assumptions based on industry standards to update	Ryan Ngai
		rate model assumptions on commercial/industrial grid defection	, ,
		6 6	
2/24/2022	0.50	internal call with (IE DN) to discuss recent state of revisions in the	Iulia Evavor
2/24/2023	0.50	internal call with (JF, RN) to discuss recent state of revisions in the	Julia Frayer
		PREPA rate model	
2/24/2023	0.50	internal call with (JF, RN) to discuss recent state of revisions in the	Ryan Ngai
		PREPA rate model	
2/24/2023	3.80	update LEI rate model assumptions with the economics of going fully	Ryan Ngai
		offgrid for industrial customers to analyze the impact on PREPA system	
		offgrid for industrial customers to analyze the impact on PREPA system	
2/24/2022	0.80		Pyan Ngai
2/24/2023		research CHP costs industry standards	Ryan Ngai
2/24/2023	3.10	research CHP costs industry standards begin preparing draft slide deck on LEI rate model	Ryan Ngai
	3.10	research CHP costs industry standards	
2/24/2023	3.10 0.20	research CHP costs industry standards begin preparing draft slide deck on LEI rate model	Ryan Ngai Julia Frayer
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2/24/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023	3.10 0.20 1.20 0.20 0.40 0.20 1.20 2.30 1.20 2.80	research CHP costs industry standards begin preparing draft slide deck on LEI rate model review RN's elasticity analysis internal call (JF, LM, RN) to discuss elasticity analysis and refinements to grid defection projections and implications for Rate Model  call with S Molina (PRMA) to discuss outreach to industrials/manufacturers review notes from prior meetings with industrial customers review PRMA convention details, as possibility for surveying indsutrial customers internal call (JF, LM, RN) to discuss elasticity analysis and refinements to grid defection projections and implications for Rate Model  internal call (JF, LM, RN) to discuss elasticity analysis and refinements to grid defection projections and implications for Rate Model  update LEI rate model assumptions on price elasticity of demand research price elasticity of demand in developing countries review FOMB disclosure statement for economic assumptions re: future PREPA demand call with S Molina (PRMA) to discuss next steps for reach out to PRMA members and convention	Ryan Ngai Julia Frayer Julia Frayer Julia Frayer Julia Frayer Julia Frayer Luke Markham Ryan Ngai Ryan Ngai Ryan Ngai Ryan Ngai Ryan Ngai
2/24/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023 2/27/2023	3.10 0.20 1.20 0.20 0.40 0.20 1.20 2.30 1.20 2.80	research CHP costs industry standards begin preparing draft slide deck on LEI rate model review RN's elasticity analysis internal call (JF, LM, RN) to discuss elasticity analysis and refinements to grid defection projections and implications for Rate Model  call with S Molina (PRMA) to discuss outreach to industrials/manufacturers review notes from prior meetings with industrial customers review PRMA convention details, as possibility for surveying indsutrial customers internal call (JF, LM, RN) to discuss elasticity analysis and refinements to grid defection projections and implications for Rate Model  internal call (JF, LM, RN) to discuss elasticity analysis and refinements to grid defection projections and implications for Rate Model  update LEI rate model assumptions on price elasticity of demand research price elasticity of demand in developing countries review FOMB disclosure statement for economic assumptions re: future PREPA demand call with S Molina (PRMA) to discuss next steps for reach out to PRMA members and convention call with S Molina (PRMA) to discuss next steps for reach out to PRMA	Ryan Ngai Julia Frayer Julia Frayer Julia Frayer Julia Frayer Julia Frayer Luke Markham Ryan Ngai Ryan Ngai Ryan Ngai Ryan Ngai
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Total 102.30

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> LONDON ECONOMICS

717 Atlantic Ave., Suite 1A Boston, MA 02111 USA Tel: (617) 933-7200 Fax: (617) 933-7201

April 25, 2023

Official Committee of Unsecured Creditors of the Puerto Rico Electric Power Authority c/o Paul Hastings LLP 200 Park Avenue
New York, NY

Tel: (212)-318-6000

Attention: Alexander G. Bongartz E-mail: alexbongartz@paulhastings.com

#### **Invoice #7807**

Professional fees accrued from March 1, 2023 through March 31, 2023 associated with the April 22, 2022 agreement between London Economics International LLC ("LEI") and The Official Committee of Unsecured Creditors of the Puerto Rico Electric Power Authority (the "Committee"), which was submitted for approval on April 26, 2022 and approved by the Court on May 9, 2022. A detailed log of tasks performed during this period is included in Appendix A.

At this time, LEI is seeking payment for 90% of the accrued professional fees (after the 10% holdback) in the amount of \$156,020.85 and 100% of the reimbursable expenses in the amount of \$3,241.77 for a total payment amount of \$159,262.62.

#### Professional Fees - services performed outside Puerto Rico

<u>Employee</u>	Title	Hours	Rate	Total
AJ Goulding	President	0.30	\$ 935.00	\$ 280.50
Julia Frayer	Managing Director	39.40	\$ 900.00	\$ 35,460.00
Victor Chung	Managing Consultant	8.50	\$ 635.00	\$ 5,397.50
Marie Fagan	Managing Consultant	13.00	\$ 635.00	\$ 8,255.00
Jonathan Rincon Lopez	Consultant	48.40	\$ 435.00	\$ 21,054.00
Ryan Ngai	Consultant	135.40	\$ 435.00	\$ 58,899.00
Luke Marham	Consultant	19.80	\$ 435.00	\$ 8,613.00
Luna Dou	Research Associate	106.70	\$ 325.00	\$ 34,677.50
Julie Sharkey	Admin	4.80	\$ 150.00	\$ 720.00
<b>Total Professional Fees</b>		376.30		\$ 173,356.50
Reimbursable Expenses				
Data Acquisition				\$ 3,241.77
Subtotal Reimbursable Ex	rpenses			\$ 3,241.77
<b>Total Invoice Amount</b>				\$ 176,598.27

#### Proceeds can be wired to:

Citizens Bank, NA
One Citizens Drive
Riverside, RI 02915
Routing/ABA #:011500120
SWIFT Code: CTZIUS33
Lander Fernancies International II.

London Economics International LLC

Account #: 113748-457-5

#### Proceeds can be sent via ACH to:

Citizens Bank, NA
One Citizens Drive
Riverside, RI 02915
Routing/ABA #: 211070175
London Economics International LLC

Account #: 113748-457-5

#### Appendix A: Hours Log

<u>Date</u>	Total hrs	<u>Activities</u>	<u>Employee</u>
3/1/2023		attend Committee meeting call	Luke Markham
3/1/2023	1.30	update outreach database to incorporate notes from JF notes based on previous trip to Puerto Rico	Luke Markham
3/1/2023	0.50	attend Committee meeting call	Ryan Ngai
3/1/2023	0.40	internal call (RN, VC) to discuss elasticity assumptions in rate model	Ryan Ngai
3/1/2023	2.30	revise elasticity assumptions in LEI rate model to integrate long-run elasticity effects	Ryan Ngai
3/1/2023	0.40	internal call (RN, VC) to discuss elasticity assumptions in rate model	Victor Chung
3/2/2023	0.30	call with A Bongartz (Paul Hastings) to discuss next steps on confirmation hearing	Julia Frayer
3/6/2023	0.20	internal call (JF, RN) to discuss next presentation to UCC	Julia Frayer
3/6/2023	0.20	internal call (JF, RN) to discuss next presentation to UCC	Ryan Ngai
3/6/2023	2.30	review elasticity research papers to confirm rate model assumptions	Ryan Ngai
3/7/2023	0.30	review information about new RFI/RFP for generation from PREPA	Julia Frayer
3/7/2023	1.70	revise rate model to include info from RFP	Ryan Ngai
3/7/2023	1.20	review elasticity research papers to confirm rate model assumptions	Ryan Ngai
3/7/2023	1.30	review rate model for discussion with Ryan	Victor Chung
3/8/2023	0.80	attend Committee meeting call	Julia Frayer
3/8/2023	0.30	internal call (JF, LM) to strategize potential meetings for April trip to PR	Julia Frayer
3/8/2023	0.80	attend Committee meeting call	Luke Markham
3/8/2023		internal call (JF, LM) to strategize potential meetings for April trip to PR	Luke Markham
3/8/2023	0.90	internal call (RN, VC) to review assumptions $\&$ build-out logic in LEI rate model	Ryan Ngai
3/8/2023	0.80	attend Committee meeting call	Ryan Ngai
3/8/2023	3.10	clean up rate model for VC review, including buildout assumptions and removing redundant modules	Ryan Ngai
3/8/2023	0.90	internal call (RN, VC) to review assumptions $\&$ build-out logic in LEI rate model	Victor Chung
3/9/2023	1.40	draft outline for expert report	Julia Frayer
3/9/2023	1.10	internal call (JF, RN, VC) to discuss rate model assumptions and elasticity modeling	Julia Frayer
3/9/2023	1.10	internal call (JF, RN, VC) to discuss rate model assumptions and elasticity modeling	Ryan Ngai
3/9/2023	0.30	compile internal info request for M Fagan (LEI) on gas import constraints and gas price assumptions	Ryan Ngai
3/9/2023	4.70	audit rate model for JF review	Ryan Ngai
3/9/2023	1.10	internal call (JF, RN, VC) to discuss rate model assumptions and elasticity modeling	Victor Chung
3/10/2023	0.70	internal call (JF, RN) to discuss elasticity modeling	Julia Frayer
3/10/2023	0.60	call with PH litigation team regarding Confirmation Discovery Process	Julia Frayer
3/10/2023	0.20	prepare April budget	Julia Frayer
3/10/2023		internal call (JF, RN) to discuss elasticity modeling	Ryan Ngai
3/10/2023		read 6 elasticity research papers to scrutinize rate model assumptions	Ryan Ngai
3/10/2023	0.40	compile a workplan for Luna Dou on additional elasticity research	Ryan Ngai
3/10/2023		call with PH litigation team regarding Confirmation Discovery Process	Ryan Ngai
3/12/2023	0.40	review the Bondholders' document request	Julia Frayer
3/13/2023		work on expert testimony outline	Julia Frayer

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3/13/2023	0.40	complete testimony for LEI's third interim fee fee application in accordance with interim compensation procedures	Julia Frayer
3/13/2023	0.30	organize meeting for April trip to PR (M Solar)	Julia Frayer
3/13/2023		prepare LEI's third interim fee application in accordance with the	Julie Sharkey
3, 23, 2323		interim compensation order	June Granicy
3/13/2023	0.20	update LEI's third interim fee application in accordance with the interim	Julie Sharkey
		compensation order based on comments from A Bongartz (PH)	,
3/13/2023	1.50	begin project onboarding including review of key materials	Luna Dou
3/13/2023	1.80	read through 12 papers and compile a list of 6 papers on elasticity	Luna Dou
		research in English	
3/13/2023	3.70	compile a list of 15 papers on elasticity research in Spanish for JL to	Luna Dou
2/44/2022	4.00	review	
3/14/2023		internal call (JF, JL, RN) to discuss research tasks	Jonathan Lopez
3/14/2023		outline expert testimony/paper	Julia Frayer
3/14/2023	1.20	compose document request for FOMB for purposes of Confirmation	Julia Frayer
3/14/2023	0.50	Hearing discovery internal call (JF, LD, RN) to discuss elasticity research	Julia Frayer
3/14/2023		internal call (JF, JL, RN) to discuss research tasks	Julia Frayer
3/14/2023		internal call (JF, LM) to discuss project management and workplan	Julia Frayer
3/14/2023		internal call (JF, RN) to discuss data centralization	Julia Frayer
3/14/2023		look over industrial customer outreach database	Julia Frayer
3/14/2023		contact J Casillas (counsel) regarding industrial customer outreach	Julia Frayer
3/14/2023		internal call (JF, LM) to discuss project management and workplan	Luke Markham
3/14/2023		internal call (JF, LD, RN) to discuss elasticity research	Luna Dou
3/14/2023		send list of Spanish elasticity research papers to JL	Luna Dou
3/14/2023		conduct research on additional papers on elasticity research in English	Luna Dou
3/14/2023	2.10	read 4 elasticity research papers from South America	Luna Dou
3/14/2023	0.90	summarize findings from the elasticity paper that focus on Argentina	Luna Dou
3/14/2023		internal call (JF, LD, RN) to discuss elasticity research	Ryan Ngai
3/14/2023		internal call (JF, JL, RN) to discuss research tasks	Ryan Ngai
3/14/2023		internal call (JF, RN) to discuss data centralization	Ryan Ngai
3/15/2023	2.10	read research papers (Spanish) on price elasticity of electricity	Jonathan Lopez
2/15/2022	F 70	consumption demand - Chile	lanathan Lanas
3/15/2023	5.70	read research papers (Spanish) on price elasticity of electricity	Jonathan Lopez
3/15/2023	0.70	consumption demand - rest of LAC gather documents for latest DS and exhibits and begin reading	Julia Frayer
3/15/2023		prepare final RFP documents for FOMB	Julia Frayer
3/15/2023		internal call (JF, LM) to discuss project management and workplan	Julia Frayer
3/15/2023		begin preparation of discovery questions	Luke Markham
3/15/2023		internal call (JF, LM) to discuss project management and workplan	Luke Markham
3/15/2023		internal call (JF, RN) to discuss project management and workplan	Luke Markham
3/15/2023		project management onboarding new team members JFL and LD	Luke Markham
3/15/2023		read through and summarize findings for the EU elasticity research	Luna Dou
		paper	
3/15/2023	2.50	read through and summarize findings for the Brazil elasticity research	Luna Dou
		paper	
3/15/2023	2.10	read through and summarize findings for elasticity research papers -	Luna Dou
		Portugal	
3/15/2023	2.30	review 3 elasticity research papers to compare rate model assumptions $ \\$	Ryan Ngai
2/45/2022		the sector III (in DNA) is the	B
3/15/2023	0.10	internal call (JF, RN) to discuss project management and workplan	Ryan Ngai

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3/15/2023	0.70	review paper related to elasticity to prepare for discussion with Ryan	Victor Chung
3/16/2023	2.40	analyze research papers (Spanish) on price elasticity of electricity consumption demand - rest of LAC	Jonathan Lopez
3/16/2023	1.20	internal call (JF, JL, LD, LM, RN) on workplan and division of assignments for sections of expert report	Jonathan Lopez
3/16/2023	0.40	call with J Casillas (counsel) regarding non-residential customer outreach	Julia Frayer
3/16/2023	1.20	internal call (JF, JL, LD, LM, RN) on workplan and division of assignments for sections of expert report	Julia Frayer
3/16/2023	0.20	call with S Martinez (Alix Partners) to discuss potential contacts in the Puerto Rico business community	Julia Frayer
3/16/2023	0.60	review of new information posted to the data room maintained by FOMB	Julia Frayer
3/16/2023	1.10	internal call (JF, RN, VC) to discuss elasticity assumptions for rate model	Julia Frayer
3/16/2023	0.20	internal call (JF, LM) to discuss industrial customer outreach	Julia Frayer
3/16/2023	1.20	internal call (JF, JL, LD, LM, RN) on workplan and division of assignments for sections of expert report	Luke Markham
3/16/2023	1.60	begin drafting assigned sections of expert report	Luke Markham
3/16/2023	0.20	internal call (JF, LM) to discuss industrial customer outreach	Luke Markham
3/16/2023		organize and select industrial customers for outreach	Luke Markham
3/16/2023		collect and organize working files for new team members	Luke Markham
3/16/2023		Read through more papers that have long-run elasticity results and	Luna Dou
		were published more recently (5 in total)	
3/16/2023		internal call (JF, JL, LD, LM, RN) on workplan and division of assignments for sections of expert report	
3/16/2023		update research findings, focusing on the lag time of long-term elasticity (updated 5 papers in total)	Luna Dou
3/16/2023		internal call (JF, JL, LD, LM, RN) on workplan and division of assignments for sections of expert report	
3/16/2023		Reviewing elasticity papers compiled by Luna Dou and Jonathan Lopez to determine assumptions for rate model	Ryan Ngai
3/16/2023		internal call (JF, RN, VC) to discuss elasticity assumptions for rate model	
3/16/2023	1.10	internal call (JF, RN, VC) to discuss elasticity assumptions for rate model	Victor Chung
3/17/2023	0.10	send out response to J Casillas' (counsel) contacts with LM	Julia Frayer
3/17/2023	0.30	review new data sent over by S Martinex (AlixPartners)	Julia Frayer
3/17/2023	1.80	search for additional research papers on commercial & industrial price elasticity (found 5 in total)	Luna Dou
3/17/2023	2.20	review the new research papers to filter out those not relevant to the rate model	Luna Dou
3/17/2023	4.20	research elasticity papers for additional data on long-run industrial & commercial elasticity (read through 6 in total)	Ryan Ngai
3/17/2023	3.40	research elasticity papers for additional data on short-run industrial & commercial elasticity (read through 4 in total)	Ryan Ngai
3/20/2023	5.10	research long-term price elasticity of demand for industrial consumers - elasticity values less than $ {\bf 1} $	Jonathan Lopez
3/20/2023	0.10	correspond with J Casillas (counsel) regarding outreach to industrial customers	Luke Markham
3/20/2023	3.30	continue research on commercial & industrial price elasticity (found 2 more)	Luna Dou
3/20/2023	3.20	compile findings on 3 additional elasticity studies on commercial and industrial sectors	Luna Dou

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3/20/2023 3/20/2023		research elasticity papers for additional data on industrial elasticity review contents of FOMB datasite for pertinent information to LEI	Ryan Ngai Ryan Ngai
3/20/2023	1.90	expert report & rate model revise cost assumptions in LEI rate model for GenCo in accordance with the disclosure statement and Genera O&M agreement	Ryan Ngai
3/21/2023	1.10	sort through consumers database	Jonathan Lopez
3/21/2023		prepare script for industrial customer outreach calls in Spanish	Jonathan Lopez
3/21/2023		begin drafting assigned sections of expert report	Jonathan Lopez
3/21/2023		internal call (JL, LD, LM) to coordinate industrial customer outreach calls	•
3/21/2023	3.40	continue working on assigned sections of expert report	Jonathan Lopez
3/21/2023		send list of PRMA members for potential outreach to J Casillas (counsel)	-
3/21/2023	0.40	internal call (JL, LD, LM) to coordinate industrial customer outreach calls	Luke Markham
- 1 1			
3/21/2023		research potential industrial customers to request interviews	Luke Markham
3/21/2023	0.40	internal call (JL, LD, LM) to coordinate industrial customer outreach calls	Luna Dou
3/21/2023	0.70	sort through manufacturing consumers database and compile a list of consumers to reach out to	Luna Dou
3/21/2023	1.30	prepare script for industrial customer outreach calls	Luna Dou
3/21/2023		industrial customer outreach (calls, voicemails, emails)	Luna Dou
3/21/2023		drafting expert report - making tables on the literature review for	Luna Dou
		Section 9 Appendix	
3/21/2023	1.90	review elasticity studies compiled to determine assumptions for rate model	Ryan Ngai
3/21/2023	3.10	research additional elasticity studies due to lack of sufficient datapoints for commercial elasticity	Ryan Ngai
3/21/2023	2.40	update fuel costs in rate model for AEO 2023 data	Ryan Ngai
3/22/2023		internal call (JL, LM) regarding division of work on expert report draft	Jonathan Lopez
2/22/2022	0.00	nut to goth ou list of matantial contacts for outrooch	lamathan Laman
3/22/2023		put together list of potential contacts for outreach	Jonathan Lopez
3/22/2023		research potential obstacles for self-supply in Puerto Rico call with PH team to discuss discovery requests	Jonathan Lopez
3/22/2023 3/22/2023		attend Committee meeting call	Julia Frayer Julia Frayer
3/22/2023		internal call (JF, RN) to discuss progress on PREPA modeling updates	Julia Frayer Julia Frayer
3/22/2023	0.10	progress and deadlines	Julia Frayer
3/22/2023	0.40	internal call (JF, LM) to discuss status of expert report and next steps	Julia Frayer
3/22/2023		call with PH team to discuss discovery requests	Luke Markham
3/22/2023		attend Committee meeting call	Luke Markham
3/22/2023		internal call (JL, LM) regarding division of work on expert report draft	Luke Markham
2/22/2222			
3/22/2023		internal call (JF, LM) to discuss status of expert report and next steps	Luke Markham
3/22/2023		background research on legislation in Puerto Rico for expert report	Luke Markham
3/22/2023		begin drafting electricity rate design section of expert report	Luke Markham
3/22/2023	1.00	search for the contact info for facility managers of the industrial customers	Luna Dou
3/22/2023	1.00	report drafting - Section 9 Appendix, introducing the concept of elasticity	Luna Dou
3/22/2023	2.30	report drafting - summarize findings based on the literature review for Section 9 Appendix	Luna Dou
3/22/2023	1.70	industrial customer outreach (calls, voicemails, emails)	Luna Dou
3/22/2023		call with PH team to discuss discovery requests	Ryan Ngai
3/22/2023		internal call (JF, RN) to discuss progress on PREPA modeling updates	Ryan Ngai
		progress and deadlines	

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3/22/2023	0.40	attend Committee meeting call	Ryan Ngai
3/22/2023	1.20	compile elasticity papers for L Dou to includre in export report appendix	Ryan Ngai
3/22/2023		research grid defection to build LEI assumptions	Ryan Ngai
3/22/2023		integrate grid defection what-if scenarios into LEI rate model	Ryan Ngai
3/23/2023		call with industrial consumer - roofing mebrane manufacturer	Jonathan Lopez
3/23/2023	1.20	call with lawyers and developer	Jonathan Lopez
3/23/2023		prepare for outreach calls	Jonathan Lopez
3/23/2023	0.70	perform additional research into obstacles for self-supply	Jonathan Lopez
3/23/2023	4.80	expert report drafting - history of bankruptcy case	Jonathan Lopez
3/23/2023	1.00	call with major local manufacturer on island	Julia Frayer
3/23/2023	1.00	call with developer of new port in P. Rico	Julia Frayer
3/23/2023	0.50	internal call (JF, RN) to discuss load forecast and Committee	Julia Frayer
		presentation	
3/23/2023	1.20	internal call (JF, RN, VC) to discuss grid defection assumptions in LEI rate model	Julia Frayer
3/23/2023	0.80	draft section 4.4 of expert report	Luke Markham
3/23/2023	0.90	interview with port manager	Luke Markham
3/23/2023	4.10	expert report drafting - section 9 appendix	Luna Dou
3/23/2023	3.00	continue to create tables for the appendix that summarize research	Luna Dou
3/23/2023	1.20	internal call (JF, RN, VC) to discuss grid defection assumptions in LEI rate	Ryan Ngai
		model	
3/23/2023	1.50	review research prepared by J Lopez (LEI) on obstacles/constraints to	Ryan Ngai
		self-supply in Puerto Rico	
3/23/2023	2.80	revise grid defection assumptions in LEI rate model	Ryan Ngai
3/23/2023	0.50	internal call (JF, RN) to discuss load forecast and Committee	Ryan Ngai
		presentation	
3/23/2023	1.90	begin prepartion of presentation on LEI rate model for Committee	Ryan Ngai
3/23/2023	1.20	internal call (JF, RN, VC) to discuss grid defection assumptions in LEI rate model $$	Victor Chung
3/24/2023	0.30	review dcoument request draft from lawyers	Julia Frayer
3/24/2023	3.00	industrial customers outreach (calls, voicemails, emails)	Luna Dou
3/24/2023	3.20	expert report drafting - update section 9 based on Ryan's comments	Luna Dou
3/24/2023	0.70	review elasticities write-up by Luna Dou (LEI) for final expert report	Ryan Ngai
3/24/2023	3.10	revise elasticity assumptions in LEI rate model based on final papers	Ryan Ngai
		selected	
3/24/2023	1.20	revise offgrid buildout assumptions in LEI rate model based on research	Ryan Ngai
3/24/2023	1.50	research technology adoption curves and trends to build LEI assumptions	Ryan Ngai
3/24/2023	1 60	continue expanding presentation on LEI rate model for Committee for	Ryan Ngai
3/24/2023	1.00	JF review	Nyan Ngai
3/26/2023	1 40	review Ryan's slides on rate model results	Julia Frayer
3/27/2023		call with President of Polytecnic university	Jonathan Lopez
3/27/2023		compiling notes from call with university President	Jonathan Lopez
3/27/2023		expert report work - Macroeconomic history of Puerto Rico, past 10	Jonathan Lopez
3/2//2023	0.70	years, and future outlook	Jonathan Lopez
3/27/2023	4 30	expert report work - History of bankruptcy, and continuation of	Jonathan Lopez
3/2//2023	1.50	macroeconomic outlook	Jonathan Lopez
3/27/2023	2.20	expert report work - The history of natural disasters and how they	Jonathan Lopez
-,,		impacted the PREPA system	2000
3/27/2023	0.80	call to interview President of PUPR (university)	Julia Frayer
3/27/2023		internal call (JF, RN, VC) on modeling DERs and demand reduction	Julia Frayer
3/27/2023			
, ,		Committee presentation	,

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LONDON ECONOMICS

717 Atlantic Ave., Suite 1A Boston, MA 02111 USA Tel: (617) 933-7200 Fax: (617) 933-7201

May 31, 2023

Official Committee of Unsecured Creditors of the Puerto Rico Electric Power Authority c/o Paul Hastings LLP 200 Park Avenue New York, NY

Tel: (212)-318-6000

Attention: Alexander G. Bongartz E-mail: alexbongartz@paulhastings.com

#### **Invoice #7863**

Professional fees accrued from April 1, 2023 through April 30, 2023 associated with the April 22, 2022 agreement between London Economics International LLC ("LEI") and The Official Committee of Unsecured Creditors of the Puerto Rico Electric Power Authority (the "Committee"), which was submitted for approval on April 26, 2022 and approved by the Court on May 9, 2022. A detailed log of tasks performed during this period is included in Appendix A.

At this time, LEI is seeking payment for 90% of the accrued professional fees (after the 10% holdback) in the amount of \$181,964.80 and 100% of the reimbursable expenses in the amount of \$5,505.12 for a total payment amount of \$189,964.80.

#### Professional Fees - services performed outside Puerto Rico

<b>Employee</b>	Title	Hours	Rate	Total
Julia Frayer	Managing Director	30.70	\$ 900.00	\$ 27,630.00
Julia Frayer - travel time	Managing Director	8.00	\$ 450.00	\$ 3,600.00
Victor Chung	Managing Consultant	0.20	\$ 635.00	\$ 127.00
Ryan Ngai	Consultant	184.30	\$ 435.00	\$ 80,170.50
Luke Marham	Consultant	89.10	\$ 435.00	\$ 38,758.50
Jonathan Rincon Lopez	Consultant	39.60	\$ 435.00	\$ 17,226.00
Luna Dou	Research Associate	79.20	\$ 325.00	\$ 25,740.00
<b>Subtotal Professional Fees</b>		431.10		\$ 193,252.00

#### Professional Fees - services performed in Puerto Rico

Employee	Title	Hours	Rate	Total
Julia Frayer	Managing Director	8.40	\$ 900.00	\$ 7,560.00
Julia Frayer - travel time	Managing Director	3.00	\$ 450.00	\$ 1,350.00
<b>Subtotal Professional Fees</b>		11.40		\$ 8,910.00
<b>Total Professional Fees</b>		442.50		\$ 202,162.00
Reimbursable Expenses				
Travel Expenses (see detaile	ed breakdown in log)			\$ 1,724.69
Data Acquisition				\$ 3,780.43
Subtotal Reimbursable Exp	enses			\$ 5,505.12
<b>Total Invoice Amount</b>				\$ 207,667.12

#### Proceeds can be wired to:

Citizens Bank, NA One Citizens Drive Riverside, RI 02915 Routing/ABA #:011500120 SWIFT Code: CTZIUS33 London Economics International LLC

Account #: 113748-457-5

#### Proceeds can be sent via ACH to:

Citizens Bank, NA One Citizens Drive Riverside, RI 02915 Routing/ABA #: 211070175

London Economics International LLC

Account #: 113748-457-5

#### Appendix A: Hours Log

<u>Date</u>	Total hrs	<u>Activities</u>	<u>Employee</u>
4/1/2023		review latest modeling results	Julia Frayer
4/1/2023	1.90	replicate legacy charge cashflows according to FOMB revenue envelope load forecast, analyzing the difference between FOMB forecast and LEI rate model projections	Ryan Ngai
4/1/2023	4.40	address JF comments on rate model outcomes & analysis (creating additional what-if scenarios & analyzing impact on legacy charge repayment)	Ryan Ngai
4/1/2023	2.30	recreating FOMB elasticity assumptions & comparing with LEI literature review	Ryan Ngai
4/1/2023	1.60	review FOMB disclosure statement & revenue envelope/legacy charge file to determine additional what-if scenarios to make up for cash flow shortfalls in LEI model	Ryan Ngai
4/2/2023	2.30	review next iteration of modeling results	Julia Frayer
4/2/2023	1.10	create additional what-if scenarios based on maximum legacy charge values from FOMB revenue envelope & legacy charge model	Ryan Ngai
4/2/2023	0.30	charting out progress to Puerto Rico's RPS goals in CFP22 projection & LEI rate model	Ryan Ngai
4/3/2023	3.30	research electricity consumption shares by sector for Caribbean Island states, and Puerto Rico	Jonathan Rincon Lopez
4/3/2023	2.40	data visualization for comparing electricity consumption splits	Jonathan Rincon Lopez
4/3/2023	0.30	research percentage of electricity consumption from off-grid consumers	Jonathan Rincon Lopez
4/3/2023	0.90	outline deck for PH presentation	Julia Frayer
4/3/2023	0.80	compile all completed LEI research and send to LM	Luna Dou
4/3/2023		search for more updated data on customer mix on EIA website	Luna Dou
4/3/2023		compile non net metering data from EIA form861	Luna Dou
4/3/2023	2.10	revise LEI rate model hybrid surcharge revenue projections in line with higher new debt amounts	Ryan Ngai
4/3/2023	3.80	prepare slide deck analyzing PREPA legacy charge proposal	Ryan Ngai
4/3/2023	2.70	create additional what-if scenarios based on LEI assumptions for offgrid, DER adoption by PREPA customers	Ryan Ngai
4/3/2023	3.50	create revenue projections $\&$ analysis for LEI scenarios, FOMB proposed hybrid surcharge	Ryan Ngai
4/4/2023	5.40	research on net-metering data and off-grid supply for various island nations and Puerto Rico	Jonathan Rincon Lopez
4/4/2023	1.80	edit slides for meeting on 4/5 with PH	Julia Frayer
4/4/2023	0.90	outreach to industrial customers to set up interviews on the island for JF visit	Luke Markham
4/4/2023	1.10	research current PREPA rate structure	Luke Markham
4/4/2023	1.20	assist Ryan with making slides on elasticity research	Luna Dou
4/4/2023	2.10	prepare slide deck analyzing PREPA legacy charge proposal	Ryan Ngai
4/4/2023	4.60	create additional what-if scenarios based on LEI assumptions for offgrid, DER adoption by PREPA customers	Ryan Ngai
4/4/2023	3.40	revise slide deck in line with JF comments	Ryan Ngai
4/5/2023	1.10	start review of Commonwealth CFP 23	Julia Frayer
4/5/2023	0.70	revew slides and finalize to send to PH	Julia Frayer
4/5/2023	2.00	call with Paul Hastings on quantiative analysis of feasibility and presentation of LEI's analysis of PREPA legacy charge proposal	Julia Frayer
4/5/2023	2.00	call with Paul Hastings (Pedro and Shlomo) on quantiative analysis of feasibility and presentation of LEI's analysis of PREPA legacy charge proposal	Luke Markham
4/5/2023	0.90	Continue research on PREB and rate design	Luke Markham

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4/5/2023	1.10	continue drafting detailed summary of research on PREB and rate design	Luke Markham
4/5/2023	3.20	revising slide deck analyzing PREPA legacy charge proposal in line with JF comments	Ryan Ngai
4/5/2023	2.00	call with Paul Hastings on quantiative analysis of feasibility and presentation of LEI's analysis of PREPA legacy charge proposal	Ryan Ngai
4/5/2023	2.80	reviewing new PR Commonwealth Fiscal Plan 2023	Ryan Ngai
4/6/2023	0.60	updating GNP growth and population growth projections from latest FOMB fiscal plan issued on April 3	Jonathan Rincon Lopez
4/6/2023	2.20	review and provide comments on draft sections of LEI research and analysis findings	Julia Frayer
4/6/2023	0.70	internal call (JF, JL, LD, RN) to check on progress and discuss findings of Commonwealth CFP 23 $$	Julia Frayer
4/6/2023	0.70	internal call (JF, JL, LD, RN) to check on progress and discuss findings of Commonwealth CFP 23 $$	Luke Markham
4/6/2023	0.20	set up account for PREPA Title III dataroom	Luna Dou
4/6/2023	0.30	log on to the dataroom, review information is in the dataroom	Luna Dou
4/6/2023	0.70	internal call (JF, JL, LD, RN) to check on progress and discuss findings of Commonwealth CFP 23 $$	Luna Dou
4/6/2023	0.90	review the most recent IRP	Luna Dou
4/6/2023	0.20	coordinate with JRL on status of research tasks outstanding and create workplan	Luna Dou
4/6/2023	1.00	find updated data for annual DERs capacity by sector	Luna Dou
4/6/2023	0.60	update chart for annual DERs capacity by sector based on JF's comments	Luna Dou
4/6/2023	0.80	assess DERs capacity by technology	Luna Dou
4/6/2023	1.20	research PREPA's total customer base, try to find more updated data other than those listed on IRP	Luna Dou
4/6/2023	0.70	internal call (JF, JL, LD, RN) to check on progress and discuss findings of Commonwealth CFP 23	Ryan Ngai
4/6/2023	2.90	expanding LEI rate model	Ryan Ngai
4/6/2023	1.50	reviewing UtilityDive presentation for contacts for DERs and microgrids	Ryan Ngai
4/6/2023	2.30	reviewing new PR Commonwealth Fiscal Plan 2023	Ryan Ngai
4/7/2023	5.80	begin addressing JF's comments on research and analysis and new research tasks	Luke Markham
4/7/2023	1.00	update research & analysis on DERs based on new research and graphs created	Luna Dou
4/7/2023		analyze annual usage per customer with updated data	Luna Dou
4/7/2023		research customer class changes over time	Luna Dou
4/7/2023		graph how the contribution of each customer class has changed over time	Luna Dou
4/7/2023		research on Puerto Rico's gross load by customer type in past	Luna Dou
4/7/2023		read through the new 2023 Commonwealth CFP	Luna Dou
4/9/2023		review emails from A Bongartz (PH)	Julia Frayer
4/9/2023		scan new documents in data room with RN	Julia Frayer
4/10/2023		meet with developers and advisors to developers on island	Julia Frayer
4/10/2023		travel time to island	Julia Frayer
4/10/2023		address JF comments on research topics: research new asks on rate design	Luke Markham
4/10/2023		create bell curves for elasticity studies	Luna Dou
4/10/2023	0.40	continue elasticity study research and explain the purpose of conducting this research	Luna Dou

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4/10/2023	0.50	add elasticity examples that explain the concept of short and long-run elasticity	Luna Dou
4/10/2023	1.60	address remaining comments from JF on elasticity research, update texts and graphs	Luna Dou
4/10/2023	1.30	review the legacy charge model	Luna Dou
4/10/2023	1.40	compiling data and creating a chart on Puerto Rico's electricity consumption contribution	Luna Dou
4/10/2023	1.00	address remaining comments from JF on research regarding customer mix	Luna Dou
4/10/2023	1.70	expanding LEI rate model to encompass 2051	Ryan Ngai
4/10/2023	1.60	revising LEI rate model to incorporate new macroeconomic projections from PR 2023 Commonwealth Fiscal Plan	Ryan Ngai
4/10/2023	4.30	drafting summary of electricity consumption projections in LEI rate model	Ryan Ngai
4/10/2023	2.60	drafting summary on costs of service projections in LEI rate model	Ryan Ngai
4/11/2023		meet with DER developer on island	Julia Frayer
4/11/2023	4.80	continue researching rate design	Luke Markham
4/11/2023	3.20	address comments on research & analysis of macroeconomic situation	Luke Markham
		in Puerto Rico	
4/11/2023	0.10	internal call with (LM, RN) on status of PREPA project	Luke Markham
4/11/2023	0.90	research on GDP contributions by sector for the Caribbean islands	Luna Dou
4/11/2023	1.60	compiling data and creating graphs on tourism and manufacturing contributions to GDP	Luna Dou
4/11/2023	0.90	research studies that focus on electricity's role in tourism vs manufacturing	Luna Dou
4/11/2023	1.10	continue resarch on tourism vs manufacturing GDP contribution	Luna Dou
4/11/2023		research historical financial statements	Luna Dou
4/11/2023	1.30	compiling data from financial statements	Luna Dou
4/11/2023		continue analysis of historical financial statements	Luna Dou
4/11/2023	0.10	internal call with (LM, RN) on status of report	Ryan Ngai
4/11/2023	2.80	continue drafting summary on costs of service projections in LEI rate model	Ryan Ngai
4/11/2023	2.10	draft summary on rate projections in LEI rate model	Ryan Ngai
4/11/2023	3.30	draft summary on offgrid adoption in LEI rate model	Ryan Ngai
4/11/2023	1.10	draft summary on impact of hybrid surcharge on customer bills	Ryan Ngai
4/11/2023	3.20	draft summary on debt feasibility as proposed by FOMB in LEI rate model & what-if scenarios	Ryan Ngai
4/12/2023	3.00	travel time on island to meetings	Julia Frayer
4/12/2023	1.60	see new cogen facility	Julia Frayer
4/12/2023	0.90	visit site of new offrid facility	Julia Frayer
4/12/2023	1.10	visit with major fuel supplier on island	Julia Frayer
4/12/2023	0.60	review research on variety of topics from LEI team	Julia Frayer
4/12/2023	0.20	attend Committee call meeting	Julia Frayer
4/12/2023	0.10	internal call (JF, RN) on research updates	Julia Frayer
4/12/2023	0.20	attend Committee call meeting	Luke Markham
4/12/2023	3.20	begin addressing comments from JF on research & analysis of current electricity rates	Luke Markham
4/12/2023	1.30	begin addressing comments on legislation and regulation research	Luke Markham
4/12/2023		research Dominican Republic DERs development	Luna Dou
4/12/2023		research Dominican Republic net-metering policy	Luna Dou
4/12/2023		research Dominican Republic non net-metering	Luna Dou
4/12/2023		continue research on Dominican Republic self-supply	Luna Dou
4/12/2023		formatting, add citations, footnotes on research & analysis	Luna Dou
4/12/2023	1.40	address outstanding comments on overview of PREPA's system	Luna Dou

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4/12/2023	0.90	research on Caribbean tourism, trying to find the most updated data	Luna Dou
4/12/2023	2.80	draft summary on debt feasibility	Ryan Ngai
4/12/2023		draft summary on FOMB plan of adjustment	Ryan Ngai
4/12/2023		internal call (JF, RN) on research updates	Ryan Ngai
4/12/2023		draft summary on factors affecting viability of FOMB plan of adjustment	-
4/12/2023	1.00	diant summary on factors affecting viability of Fowns plan of adjustment	Nyan Ngai
4/12/2023		draft summary on DER and offgrid adoption possibility	Ryan Ngai
4/12/2023		draft summary on PREPA fixed and variable costs	Ryan Ngai
4/12/2023	1.20	draft summary on offgrid and DER decision-making spurred by new debt charges	Ryan Ngai
4/12/2023	1.90	answering questions from JF on state of PREPA system, LEI rate forecast in support of her meetings in PR with local stakeholders	Ryan Ngai
4/13/2023	0.90	organize and review notes from meetings	Julia Frayer
4/13/2023	4.00	travel home	Julia Frayer
4/13/2023	1.80	edit, format and review RN/LD research to send to JF	Luke Markham
4/13/2023	0.20	weekly check-in meeting (LM, RN, LD) to review workplan and tasking	Luke Markham
4/13/2023	1.30	continue research on history and overview of PREPA, current electricity	Luke Markham
		rates and legislation in Puerto Rico	
4/13/2023	0.80	read through the updated research sections that LM sent and add comments	Luna Dou
4/13/2023	0.20	weekly check-in meeting (LM, RN, LD) to review workplan and tasking	Luna Dou
4/13/2023	1.10	going through the FOMB elasticity worksheet	Luna Dou
4/13/2023	1.60	research on electricity self-supply from other jurisdictions	Luna Dou
4/13/2023	0.80	review the past mediation presentation on island self-supply	Luna Dou
4/13/2023	1.10	draft a self-supply case study on Guam	Luna Dou
4/13/2023	1.10	draft a self-supply case study on Pacific Island	Luna Dou
4/13/2023	1.10	draft summary on feasibility of FOMB plan under various demand scenarios	Ryan Ngai
4/13/2023	1.90	draft summary on feasibility of FOMB plan	Ryan Ngai
4/13/2023	0.70	revising formatting, grammar, wording in summaries of research &	Ryan Ngai
		analysis	
4/13/2023	0.20	weekly check-in meeting (LM, RN, LD) to review workplan and tasking	Ryan Ngai
4/13/2023	2.70	reviewing discovery responses from FOMB and drafting responses for Scott Martinez	Ryan Ngai
4/13/2023	3.60	revising LEI rate model to include different DER scenarios as per JF request	Ryan Ngai
4/14/2023	2.80	calculate typical monthly bill for residential, commercial and industrial customers	Luke Markham
4/14/2023	0.30	coordinate with RN on where to find supply mix data	Luna Dou
4/14/2023	0.70	review the 2022 PREPA Fiscal Plan-Financial model to get the predictions about supply mix	Luna Dou
4/14/2023	1.00	research on Puerto Rico electricity supply mix on EIA and past CFPs	Luna Dou
4/14/2023	0.80	make graphs for Puerto Rico's supply mix for LEI's expert report	Luna Dou
4/14/2023		continue research on PREPA's electricity generation mix	Luna Dou
4/14/2023		revising LEI rate model to include different DER scenarios as per JF	Ryan Ngai
, ,		request	, - 0
4/14/2023		research LPG prices	Ryan Ngai
4/14/2023	2.90	continue research delivered fuel prices in PR	Ryan Ngai
4/14/2023	1.20	working with JF to derive LPG-fueled CHP LCOE	Ryan Ngai
4/17/2023	3.40	Updating FOMB fiscal plan projections from latest 2023 report for GNP	Luke Markham
		and population	

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4/17/2023	2 40	Research on the history of the PREPA bankruptcy case	Jonathan Rincon Lopez
4/17/2023		continue researching current electricity rates and legislation impacting	Luke Markham
4/17/2023	4.40	PREPA	Eake Warkham
4/17/2023	3.60	review and edit JRL and LD's research tasks	Luke Markham
4/17/2023	0.20	correspondence with JF regarding timeline of research	Luke Markham
4/17/2023		coordinate with JRL, LD, and RN regarding new research tasks	Luke Markham
4/17/2023		research on PREPA's development of renewables	Luna Dou
4/17/2023		research on renewables progress	Luna Dou
4/17/2023		research on the planning of the new CCGT plant	Luna Dou
4/17/2023		research on the new barges offered by US	Luna Dou
4/17/2023		continue new research on CCGT plants and barges	Luna Dou
4/17/2023		coordinate with the team to update the current research progress	Luna Dou
4/17/2023		internal call with (VC, RN) on PREPA rate modelling	Ryan Ngai
4/17/2023		Comparing LCOEs for renewable technologies under IRA	Ryan Ngai
4/17/2023		Reviewing Inflation Reduction Act guidebook from Whitehouse.gov for	Ryan Ngai
,, = , , = = = =		research ask	,
4/17/2023	2.30	Continue research on Inflation Reduction Act impact on Puerto Rico	Ryan Ngai
4/17/2023	1.30	Conduct research on LNG, LPG use for CHP	Ryan Ngai
4/17/2023	0.20	internal call with (VC, RN) on PREPA rate modeling to ensure peak load	Victor Chung
		logic is correct	
4/17/2023	2.10	Updating section on the creation of PREB, and its accomplisments to	Ryan Ngai
		date	
4/17/2023	2.10	Research the history of privatization on the Island	Ryan Ngai
4/18/2023	0.80	call with president of a prominent investment fund focusing the hospitality sector in Puerto Rico	Jonathan Rincon Lopez
4/18/2023	0.80	call with president of a prominent investment fund focusing the	Julia Frayer
4/10/2023	0.00	hospitality sector in Puerto Rico	Julia i rayer
4/18/2023	1 40	start reviewing research & analysis on variety of topics	Julia Frayer
4/18/2023		call with president of a prominent investment fund focusing the	Luke Markham
4/10/2023	0.00	hospitality sector in Puerto Rico	Lake Markham
4/18/2023	0.80	send introductory messages to potential interviewees	Luke Markham
4/18/2023	0.40	draft and edit correspondence for new potential interviews from JF	Luke Markham
4/18/2023	3.40	Draft summary on LEI generation cost assumptions	Ryan Ngai
4/18/2023	2.30	draft summary on LEI T&D cost assumptions	Ryan Ngai
4/18/2023	2.70	reviewing new documents uploaded to LLM lit manager	Ryan Ngai
4/19/2023	0.20	attend Committee meeting call	Julia Frayer
4/19/2023	0.20	attend Committee meeting call	Luke Markham
4/19/2023	0.30	coordinate with LEI team and potential interviewees of commercial and	Luke Markham
		industrial customers on times to interview	
4/19/2023	0.20	attend Committee meeting call	Ryan Ngai
4/19/2023	1.60	draft summary on LEI T&D cost assumptions	Ryan Ngai
4/19/2023		draft summary on LEI load assumptions	Ryan Ngai
4/19/2023		reviewing research completed by LEI team and fixing formatting &	Ryan Ngai
		grammar	
4/20/2023	0.90	internal coordination call (JF, JRL, LM, LD, RN) (LEI) on PREPA workplan	Jonathan Rincon Lopez
		& updates	
4/20/2023		organize call with PH re: litigation	Julia Frayer
4/20/2023	0.90	internal coordination call (JF, JRL, LM, LD, RN) (LEI) on PREPA workplan & updates	Julia Frayer
4/20/2023	2.20	Draft comprehensive summary memo on research conducted on	Luke Markham
		PREPA/Puerto Rico	
4/20/2023	1.20	•	Luke Markham
4/20/2022	0.00	in off-grid/self-supply in Puerto Rico	Lulia Maulia
4/20/2023	0.90	internal coordination call (JF, JRL, LM, LD, RN) (LEI) on PREPA workplan	Luke Markham
		& updates	

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4/20/2023	0.90	internal coordination call (JF, JRL, LM, LD, RN) (LEI) on PREPA workplan & updates, comments on draft report	Luna Dou
4/20/2023	0.90	internal coordination call (JF, JRL, LM, LD, RN) (LEI) on PREPA workplan & updates	Ryan Ngai
4/20/2023	3.70	draft summary on supply costs	Ryan Ngai
4/20/2023		draft summary on T&D costs	Ryan Ngai
4/20/2023		draft summary on demand forecast	Ryan Ngai
4/21/2023		Compiling comprehensive works consulted list	Jonathan Rincon Lopez
4/21/2023		help on other research tasks relating to PREPA	Jonathan Rincon Lopez
4/21/2023		review research on variety of topics from LEI team	Julia Frayer
4/21/2023		continue work on share of wallet/affordability in Puerto Rico	Luke Markham
4/21/2023		continue research on trends in off-grid/self-supply in Puerto Rico	Luke Markham
4/21/2023		consolidate citations for research on elasticity	Luna Dou
4/21/2023		reviewing new documents uploaded to LLM lit manager	Ryan Ngai
4/23/2023		review research on variety of topics from LEI team	Julia Frayer
4/23/2023		review developments with respect to pension and loan to Genera	Julia Frayer
4/24/2023		internal call with (LM, RN, LD, JRL) to coordinate further research topics on PREPA and Puerto Rico	
4/24/2023	2.10	call with PH lawyers about the litigation regarding net revenue (Claims) estimation and POA/confirmation	Julia Frayer
4/24/2023	0.30	internal debrief (JF, LM, RN) on call with PH team and revisions to workplan	Julia Frayer
4/24/2023	0.10	analyze details for invoice in accordance with interim compensation procedures	Julia Frayer
4/24/2023	2.10	call with PH lawyers about the litigation regarding net revenue estimates and confirmation plan	Luke Markham
4/24/2023	0.40	internal call with (LM, RN, LD, JRL) to coordinate revisions on LEI expert report	Luke Markham
4/24/2023	0.30	internal debrief (JF, LM, RN) on call with PH team and revisions to workplan	Luke Markham
4/24/2023	5.70	continue research & analysis on electricity rates and impacts on affordability	Luke Markham
4/24/2023	1.30	conduct research on share of fossil fuel generation by customer type	Luna Dou
4/24/2023	0.80	creating chart for share of electricity generation by source from 2016 to 2022 $$	Luna Dou
4/24/2023	0.90	conduct research on DERs adoption	Luna Dou
4/24/2023	0.50	create a chart on annual DERs capacity by technology	Luna Dou
4/24/2023	1.20	update research on alternative supply based on JF comments	Luna Dou
4/24/2023	0.80	create graphs on electricity revenue contribution by customer type	Luna Dou
4/24/2023	0.40	internal call with (LM, RN, LD, JRL) to coordinate revisions on research summaries	Ryan Ngai
4/24/2023	2.10	call with PH lawyers about the litigation regarding net revenue estimates and confirmation plan	Ryan Ngai
4/24/2023	0.40	internal debrief (JF, LM, RN) on call with PH team and revisions to workplan	Ryan Ngai
4/24/2023	2.10	reviewing FOMB revenue envelope model	Ryan Ngai
4/24/2023		creating analysis Excel sheet of FOMB legacy charge revenues for PH team	Ryan Ngai
4/25/2023	0.80	call with the president of a prominent newspaper on the Island - inquiring about electricity bills	Jonathan Rincon Lopez
4/25/2023	0.80	call with the president of a prominent newspaper on the Island - inquiring about electricity bills	Julia Frayer
4/25/2023	0.10	review current rates with LM	Julia Frayer

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4/25/2023	0.40	internal call (JF, RN) on scenarios for PH team on net revenues (Claims litigation)	Julia Frayer
4/25/2023	0.80	call with the president of a prominent newspaper on the Island - inquiring about electricity bills	Luke Markham
4/25/2023	3.20	continue research & analysis on electricity rates and impacts on affordability	Luke Markham
4/25/2023	3.70	continue research & analysis on legislative policies and their impact on consumers in Puerto Rico	Luke Markham
4/25/2023	1.00	address Julia's comments on financial statement research & analysis	Luna Dou
4/25/2023	1.30	address Julia's comments on DERs research & analysis	Luna Dou
4/25/2023	0.40	draft a summary on electricity consumption of the Caribbean states	Luna Dou
4/25/2023	0.40	internal call (JF, RN) on what-if scenarios for PH team	Ryan Ngai
4/25/2023	2.30	expanding what-if analysis for FOMB legacy charge revenues	Ryan Ngai
4/25/2023	3.20	revising what-if analysis based on JF comments	Ryan Ngai
4/25/2023	1.70	reviewing documents in LLM lit manager for pertinence to what-if analysis for PH	Ryan Ngai
4/26/2023	3.40	Work on Integrated Resource Plan and continued research on privatization efforts in Puerto Rico	Jonathan Rincon Lopez
4/26/2023	3.40	Research on natural disasters and their impact on PREPA/Puerto Rico	Jonathan Rincon Lopez
4/26/2023	0.40	review RN's initial analysis PH's request on net revenues (Claims litigation)	Julia Frayer
4/26/2023	3.60	continue research on legislative policies and their impact on consumers in Puerto Rico	Luke Markham
4/26/2023	2.30	continue research on electricity rates and impacts on affordability	Luke Markham
4/26/2023	1.70	research on long-term debt of PREPA from 2006 to 2022	Luna Dou
4/26/2023	1.50	conduct research on the asset drop in 2016	Luna Dou
4/26/2023	1.30	further research on PREPA's liabilities and assets from 2006 to 2022	Luna Dou
4/26/2023	0.80	update graph on PREPA's assets vs liabilities	Luna Dou
4/26/2023	0.70	conduct research on PREPA's operating costs for the past decade	Luna Dou
4/26/2023	1.00	update research about PREPA's bankruptcy	Luna Dou
4/26/2023	3.40	revising what-if analysis based on JF comments	Ryan Ngai
4/26/2023	1.50	researching current PR rates and PREB adders to check analysis	Ryan Ngai
4/26/2023	1.80	revising research on plan of adjustment debt instruments as per JF comments	Ryan Ngai
4/27/2023	4.90	Assist with research on the following topics: bankruptcy proceedings, establishing regulator	Jonathan Rincon Lopez
4/27/2023	3.80	Assist with research on the following topics: privatization, natural disasters	Jonathan Rincon Lopez
4/27/2023	1.90	review calculated template per PH's request on net revenues (Claims litigation)	Julia Frayer
4/27/2023	3.40	continue research on legislative policies and their impact on consumers in Puerto Rico $$	Luke Markham
4/27/2023	2.60	continue quantitative analysis on DER compensation for residential customers	Luke Markham
4/27/2023	1.00	research on PREPA's history	Luna Dou
4/27/2023		research on the trend of PREPA's operating expenses	Luna Dou
4/27/2023	1.10	research on PREPA's history of borrowing in 2000s	Luna Dou
4/27/2023		research on causes of PREPA's financial distress	Luna Dou
4/27/2023		research on PREPA's last in flow of T&D investment	Luna Dou
4/27/2023	1.20	updating summary of PREPA bankruptcy based on the research conducted	Luna Dou
4/27/2023		communicate with LM and JL on the research progress	Luna Dou
4/27/2023	0.40	communicating with Scott Martinez (Alixpartners) on interpreting FOMB disclosure statement	Ryan Ngai

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4/27/2023	4.70	revising what-if analysis model for PH based on JF comments	Ryan Ngai
4/27/2023	1.70	additional research on FOMB revenue envelope model + supporting	Ryan Ngai
		files in LLM lit manager for what-if analysis	
4/27/2023	1.30	revising LEI rate model in line with new information from LLM lit	Ryan Ngai
		manager	
4/27/2023	1.40	cleaning up what-if analysis and adding intro blurb for delivery to PH	Ryan Ngai
		team	
4/28/2023	0.70	internal call (JF, RN) on pension costs	Julia Frayer
4/28/2023	3.10	comprehensive review and summary of research conducted on	Luke Markham
		PREPA/Puerto rico	
4/28/2023	1.40	review research & analysis done by team members	Luke Markham
4/28/2023	0.50	compile citations for all research completed by team	Luna Dou
4/28/2023	0.70	internal call (JF, RN) on pension correction	Ryan Ngai
4/28/2023	0.80	revising what-if analysis to adjust for FOMB pension projections, re-	Ryan Ngai
		sending to PH team	
4/28/2023	1.30	revising research & analysis on plan of adjustment as per JF comments	Ryan Ngai
		revising research & analysis on legacy charge as per JF comments	Ryan Ngai
4/28/2023	3.20	revising research & analysis on PREPA generating sufficient revenues as $ \\$	Ryan Ngai
		per JF comments	
4/28/2023	1.30	revising research & analysis on costs of various DER technologies as per	Ryan Ngai
		JF comments	
		think about desposition themes for other experts	Julia Frayer
4/30/2023	1.30	work on deposition questions for other experts	Julia Frayer
Total 44	2.50		

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2/27/2022	1 00	leak for DEDs information shout Duorts Dies on EIA	Luna Dau
3/27/2023		look for DERs information about Puerto Rico on EIA	Luna Dou
3/27/2023		review Buchsbaum's paper to prepare for the call with MF and RN	Luna Dou
3/27/2023	0.90	internal call (LD, MF, RN) to discuss Buchsbaum (2022) elasticity paper	Luna Dou
3/27/2023	0.60	organize the database of all the elasticity study results	Luna Dou
3/27/2023		analyze the elasticity results and create bell curves for all six sectors	Luna Dou
3/27/2023		report drafting- interpret the bell curves and compare against with	Luna Dou
3/2//2023	0.40	Buchsbaum's results under Section 9	Lulia Dou
3/27/2023	3 00	read Buchsbaum paper in detail	Marie Fagan
3/27/2023		internal call (LD, MF, RN) to discuss Buchsbaum (2022) elasticity paper	Marie Fagan
3/2//2023	0.50	internal call (LD, Wil , KN) to discuss buchsbaum (2022) elasticity paper	ivialle i agail
3/27/2023	1.00	internal call (JF, RN, VC) on modeling DERs and demand reduction	Ryan Ngai
3/27/2023	0.90	call with Ernesto Vazquez Martinez of PUPR	Ryan Ngai
3/27/2023	0.90	internal call (LD, MF, RN) to discuss Buchsbaum (2022) elasticity paper	Ryan Ngai
3/27/2023	1.30	internal call (JF, RN) to discuss PREPA rate model updates and slides for	Ryan Ngai
		Committee presentation	
3/27/2023	3.20	revise DER assumptions and modeling in rate model	Ryan Ngai
3/27/2023	2.80	revising offgrid cost assumptions and modeling in rate model	Ryan Ngai
3/27/2023	0.80	review tariff model to identify potential charges	Victor Chung
3/27/2023		internal call (JF, RN, VC) on modeling DERs and demand reduction	Victor Chung
3/28/2023		review changes to demand forecast and COS logic that Ryan	Julia Frayer
, ,		incorporated	,
3/28/2023	0.20	start reviewing LUMA agreement	Julia Frayer
3/28/2023	0.30	review draft Appendix of report	Julia Frayer
3/28/2023	0.10	schedule call with major pharmaceutical in PR	Julia Frayer
3/28/2023		internal call (JF, RN) on updates to offgrid assumptions, DER modeling in	Julia Frayer
		rate model	
3/28/2023	1.10	update section 9 based on Julia's comments	Luna Dou
3/28/2023	3.00	update section 9 based on Julia's comments - change explaination for	Luna Dou
		elasticities, interpretation of the results	
3/28/2023	1.00	update section 9 based on Julia's comments - explanation of how the	Luna Dou
		research was implemented into the model	
3/28/2023	2.90	re-creating bell curves on the elasticity studies	Luna Dou
3/28/2023		examination of instrumental variable ("IV") techniques and impact on	Marie Fagan
, ,		long-run elasticitities, to compare with Buchsbaum's approach	G
3/28/2023	0.50	examination of literature cited by Buchsbaum, comparing IV and other	Marie Fagan
, ,		approaches	G
3/28/2023	1.30	begin drafting write-up of findings on issues in Buchsbaum paper	Marie Fagan
3/28/2023		research of drawbacks to IV approaches	Marie Fagan
3/28/2023		correspondence with LEI team regarding Buchsbaum	Marie Fagan
3/28/2023		revise DER assumptions and modeling in rate model	Ryan Ngai
3/28/2023		internal call (JF, RN) on updates to offgrid assumptions, DER modeling in	-
5, -5, -5-5		rate model	,
3/28/2023	2.20	update labor & operations costs in LEI rate model to reflect LUMA	Ryan Ngai
		performance & expected Genera performance	
3/28/2023	3.10	update model logic behind debt repayment charges to reflect changes	Ryan Ngai
		made in demand modeling	
3/28/2023	2.30	compile & analyze model results to provide revised results Julia Frayer	Ryan Ngai
		for additional review & checks, including several what-if scenarios	
3/29/2023		internal call (AJG, MF) to discuss price elasticity	AJ Goulding
3/29/2023	0.70	internal call (JF, RN) to discuss rate model results	Julia Frayer
3/29/2023	0.50	incorporate JRL sections into final report	Luke Markham
3/29/2023	1.10	draft expert report section on clean energy legislation	Luke Markham

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3/29/2023	0.50	communicate with MF on the interpretation of the bell curves	Luna Dou
3/29/2023	3.80	research for 3 more papers that can be mentioned under Section9 to confirm LEI's results	Luna Dou
3/29/2023	0.50	coordinate with Ryan and Luke on locating EIA data on DERs	Luna Dou
3/29/2023		interpret the DERs data from EIAby customer type and create charts	Luna Dou
3/29/2023		continue literature review on IV approaches	Marie Fagan
3/29/2023		research of 2SLS, requirements for use of IV	Marie Fagan
		·	_
3/29/2023		internal call (AJG, MF) to discuss price elasticity	Marie Fagan
3/29/2023		internal call (JF, RN) to discuss rate model results	Ryan Ngai
3/29/2023	2.60	analyze results from model, compiling results to present to JF for review & critique with what-if scenarios for offgrid & DER uptake & compared to 2022 CFP	Kyan Ngai
3/29/2023	2.10	compile results to present to JF for review & critique	Ryan Ngai
3/29/2023		review data from Lorenzo Perez (LEI) on LUMA year-to-date daily	Ryan Ngai
		generation to compare with LEI rate model baseline assumptions	, 0
3/30/2023	0.20	attend Committee call	Julia Frayer
3/30/2023	-	internal call (JF, RN) on model benchmarking to CFP22	Julia Frayer
3/30/2023		review progress on elasticity research	Julia Frayer
3/30/2023		internal check in call (JF, LD, LM, RN) on testimony and expert report	
3/30/2023	0.80		Julia Frayer
2/20/2022	0.00	progress	
3/30/2023		continue drafting sections 3.3 and 4.4 of report	Luke Markham
3/30/2023		research on PREB for report	Luke Markham
3/30/2023	0.80	internal check in call (JF, LD, LM, RN) on testimony and expert report progress	Luke Markham
3/30/2023	0.20	attend Committee call	Luke Markham
3/30/2023	0.80	internal check in call (JF, LD, LM, RN) on testimony and expert report	Luna Dou
		progress	
3/30/2023	3.50	search for additional research papers on price elasticity (found 3 in total)	Luna Dou
3/30/2023	1.50	conduct research on annual DERs capacity by technology from EIA and CFP	Luna Dou
3/30/2023	2.30	draft report sections on why electricity consumers are turning to alternative supply	Luna Dou
3/30/2023	1.60	research of use of marginal versus average prices in Buchsbaum	Marie Fagan
3/30/2023	1.20	detailed examination of PG&E tariffs; complete draft critique	Marie Fagan
3/30/2023	1.30	internal call (JF, RN) on model benchmarking to CFP22	Ryan Ngai
3/30/2023	0.80	internal check in call (JF, LD, LM, RN) on testimony and expert report progress	Ryan Ngai
3/30/2023	2.80	revise elasticity assumptions in LEI rate model based on final papers selected, using median of nonresidential study results	Ryan Ngai
3/30/2023	1.90	revise debt repayment modeling, comparing LEI rate model with FOMB assumptions	Ryan Ngai
3/30/2023	2.90	review FOMB legacy debt charge model sent from S Martinez (Alix Partners)	Ryan Ngai
3/30/2023	0.40	review additional elasticity papers sent by Luna Dou (LEI)	Ryan Ngai
3/30/2023		review latest disclosure statement for legacy debt bond conditions as	Ryan Ngai
		proposed by FOMB	
3/31/2023		call with facility manager at major medical device manufacturer	Julia Frayer
3/31/2023		review new modeling results comapred to FOMB's revenue envelope analysis	Julia Frayer
3/31/2023	0.80	review Luna's research on newer elasticity studies	Julia Frayer
3/31/2023	0.50	call with Paul Hastings team re: updates on PREPA bankruptcy proceedings	Julia Frayer
3/31/2023	0.50	Attend call with JF RN and Paul Hastings	Luke Markham

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3/31/2023	0.60 call with constraint on industrial customer Luke Markham sentiment re: PREPA and ways to reduce cost burden of electricity consumption
3/31/2023	0.90 interpret the results of 3 elasticity research conducted yesterday for JF Luna Dou
3/31/2023	1.30 research the make-up of the grid-connected customer base in Puerto Luna Dou Rico
3/31/2023	1.30 read through the IRP to find more relevant information on Puerto Rico's Luna Dou customer mix
3/31/2023	1.20 Add a section under Section 9 to explain why we did not use  Luna Dou  Buchsbaum's paper
3/31/2023	3.30 report drafting on Puerto Rico's customer mix, create graphs and Luna Dou writing interpretation
3/31/2023	4.60 review FOMB revenue envelope & legacy charge model sent from S Ryan Ngai Martinez (Alix Partners)
3/31/2023	0.50 call with Paul Hastings team re: updates on PREPA bankruptcy Ryan Ngai proceedings
3/31/2023	0.60 call with sentiment re: PREPA and ways to reduce cost burden of electricity consumption
3/31/2023	3.20 revise LEI rate model with updated customer & load forecasts and debt Ryan Ngai charges from FOMB revenue envelope & legacy charge model
3/31/2023	1.80 replicate legacy charge cashflows according to FOMB revenue envelope Ryan Ngai load forecast to analyze the difference between FOMB forecast and LEI rate model projections
Total	376.30

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LONDON ECONOMICS

717 Atlantic Ave., Suite 1A Boston, MA 02111 USA Tel: (617) 933-7200 Fax: (617) 933-7201

June 13, 2023

Official Committee of Unsecured Creditors of the Puerto Rico Electric Power Authority c/o Paul Hastings LLP 200 Park Avenue New York, NY

Tel: (212)-318-6000

Attention: Alexander G. Bongartz E-mail: alexbongartz@paulhastings.com

#### **Invoice #7877**

Professional fees accrued from May 1, 2023 through May 31, 2023 associated with the April 22, 2022 agreement between London Economics International LLC ("LEI") and The Official Committee of Unsecured Creditors of the Puerto Rico Electric Power Authority (the "Committee"), which was submitted for approval on April 26, 2022 and approved by the Court on May 9, 2022. A detailed log of tasks performed during this period is included in Appendix A.

At this time, LEI is seeking payment for 90% of the accrued professional fees (after the 10% holdback) in the amount of \$266,887.80 and 100% of the reimbursable expenses in the amount of \$5,545.34 for a total payment amount of \$272,433.14.

#### Professional Fees - services performed outside Puerto Rico

Employee	Title	Hours		Rate		Total
AJ Goulding	President	0.70	\$	935.00	\$	654.50
Julia Frayer	Managing Director	137.40	\$	900.00	\$	123,660.00
Victor Chung	Managing Consultant	1.30	\$	635.00	\$	825.50
Marie Fagan	Managing Consultant	2.50	\$	635.00	\$	1,587.50
Sayad Moudachirou	Managing Consultant	2.00	\$	635.00	\$	1,270.00
Shashwat Nayak	Senior Consultant	0.50	\$	550.00	\$	275.00
Jonathan Rincon Lopez	Consultant	3.30	\$	435.00	\$	1,435.50
Ryan Ngai	Consultant	103.00	\$	435.00	\$	44,805.00
Karl Nunoo	Consultant	1.90	\$	435.00	\$	826.50
Luke Marham	Consultant	151.00	\$	435.00	\$	65,685.00
Luna Dou	Research Associate	169.90	\$	325.00	\$	55,217.50
Siddarth Jaswal	Research Associate	0.60	\$	325.00	\$	195.00
Julie Sharkey	Admin	0.70	\$	150.00	\$	105.00
<b>Total Professional Fees</b>		574.80			\$	296,542.00
Reimbursable Expenses						
Data Acquisition					\$	5,545.34
Subtotal Reimbursable Ex	penses				\$	5,545.34
Total Invoice Amount					\$	302,087.34

#### Proceeds can be wired to:

Citizens Bank, NA
One Citizens Drive
Riverside, RI 02915
Routing/ABA #:011500120
SWIFT Code: CTZIUS33

London Economics International LLC

Account #: 113748-457-5

#### Proceeds can be sent via ACH to:

Citizens Bank, NA One Citizens Drive Riverside, RI 02915

Routing/ABA #: 211070175

London Economics International LLC

Account #: 113748-457-5

#### Appendix A: Hours Log

<u>Date</u>	Total hrs	<u>Activities</u>	<u>Employee</u>
5/1/2023		review of LEI research for consistency	Jonathan Rincon Lopez
5/1/2023		review latest modeling results	Julia Frayer
5/1/2023		send deposition ideas to S Martinez (Alix Partners)	Julia Frayer
5/1/2023		start reviewing the expert reports	Julia Frayer
5/1/2023		internal call (JF, LM) on project management	Julia Frayer
5/1/2023			Julia Frayer
		bondholder expert reports and analysis for PH team	•
5/1/2023	5.70	review Edwards and Tierney expert reports	Luke Markham
5/1/2023		internal call (JF, LM) on project management	Luke Markham
5/1/2023			Luke Markham
		bondholder expert reports and analysis for PH team	
5/1/2023	1.10	Begin reviewing LEI PREPA rate model (overview and graphs)	Luna Dou
5/1/2023		internal call (JF, LM, RN) to discuss initial takeaways from the review of	Ryan Ngai
		bondholder expert reports and analysis for PH team	
5/1/2023	3.70	Reviewing expert reports filed by bondholders	Ryan Ngai
5/1/2023		Reviewing list of questions from S Martinez (AlixPartners) & drafting	Ryan Ngai
		response	, -
5/1/2023	2.10	Writing critique of Chakraborty expert report	Ryan Ngai
5/2/2023	1.90	strategy call with PH team on bondholder expert reports	Julia Frayer
5/2/2023	0.60	call with PH team to discuss deposition strategy	Julia Frayer
5/2/2023	1.90	strategy call with PH team on bondholder expert reports to provide	Luke Markham
		clarity on questions relating to regulatory/policy research conducted	
5/2/2023	1.20	internal call (LM, LD, RN) to discuss rate model handoff	Luke Markham
5/2/2023	0.60	call with PH team to discuss deposition strategy	Luke Markham
5/2/2023	1.30	draft slides with initial takeaways from Bondholders' expert reports	Luke Markham
5/2/2023	1.20	internal call (LM, LD, RN) to discuss rate model handoff	Luna Dou
5/2/2023	0.90	review LEI rate model (overview and LEI cases tabs)	Luna Dou
5/2/2023	1.90	strategy call with PH tream on bondholder expert reports to provide	Ryan Ngai
		clarity on questions related to LEI modeling efforts/quantitative analysis	
		previously conducted	
5/2/2023		internal call (LM, LD, RN) to discuss rate model handoff	Ryan Ngai
5/2/2023		revising LEI rate model to discount energy efficiency from CFP22	Ryan Ngai
5/2/2023		writing critique of Chakraborty expert report	Ryan Ngai
5/3/2023	2.20	discuss with P. Jimenez (PH) and S. Martinez (AlixPartners) deposition	Julia Frayer
5/3/2023	2 40	questions for FOMB's fact witness review testimony of bondholder experts and draft outline for rebuttal	Julia Frayer
3/3/2023	3.40	review testimony of bondholder experts and draft outline for resultar	Julia i rayer
5/3/2023	2.60	draft initial outline for rebuttal report	Luke Markham
5/3/2023	1.10	review the bond repayments tab of rate model	Luna Dou
5/3/2023	2.10	review the 4 demand tabs of the LEI rate model	Luna Dou
5/3/2023	0.90	review updates to the demand tab to exclude energy efficiency	Luna Dou
5/3/2023	1.20	review common assumptions, WACC assumptions and self generation in the rate model	Luna Dou
5/3/2023	1.40	review the remaining tabs of the rate model	Luna Dou
5/3/2023		attend Committee call meeting	Ryan Ngai
5/3/2023		conducting fuel price analysis in response to JF question on FOMB	Ryan Ngai
3/3/2023	2.70	witness report	Nyan Ngai
5/3/2023	2.30	reviewing outline for rebuttal report against bondholder expert reports	Ryan Ngai
5/3/2023		reviewing CVI assessment by S Martinez (AlixPartners)	Ryan Ngai
5/3/2023	1.10	revising pension assumptions in LEI rate model	Ryan Ngai
5/4/2023	1.00	listen to deposition of Bill Zakaras (Brattle)	Julia Frayer
5/4/2023		internal call (JF, LM, LD, RN) on plan for rebuttal report against	Julia Frayer
		bondholder expert reports	

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5/4/2023 5/4/2023		analytical calls internal call (JF, LM, LD, RN) on plan for rebuttal report against	Julia Frayer Luke Markham
3/4/2023	1.70	bondholder expert reports	Luke Markilaili
5/4/2023		begin drafting rebuttal report	Luke Markham
5/4/2023		review Chakraborty's report	Luna Dou
5/4/2023	1.70	internal call (JF, LM, LD, RN) on plan for rebuttal report against bondholder expert reports	Luna Dou
5/4/2023	0.40	review rebuttal outline sent from JF	Luna Dou
5/4/2023	1.40	review and work on tasks assigned by LM for the rebuttal	Luna Dou
5/4/2023	2.60	internal call (LD, RN) working through sections for rebuttal against bondholder reports	Luna Dou
5/4/2023	3.90	creating graphics, writing captions for rebuttal against bondholder expert reports	Ryan Ngai
5/4/2023	2.60	internal call (LD, RN) working through sections for rebuttal against bondholder reports	Ryan Ngai
5/4/2023	1.70	internal call (JF, LM, LD, RN) on plan for rebuttal report against bondholder expert reports	Ryan Ngai
5/4/2023	2.10	reviewing JF comments on rebuttal outline, creating graphics and collating data	Ryan Ngai
5/5/2023	0.90	create key analysis for executive summary for draft report rebutting Analysis Group (Bondholders)	Julia Frayer
5/5/2023	0.60	internal call (JF, LM, LD, RN) on plan for rebuttal report against bondholder expert reports	Julia Frayer
5/5/2023	1.20	attend deposition call with Paul Hastings team	Luke Markham
5/5/2023	0.60	internal call (JF, LM, LD, RN) on plan for rebuttal report against bondholder expert reports	Luke Markham
5/5/2023	3.10	continue work on Rebuttal Report draft	Luke Markham
5/5/2023	0.30	finalize draft table of contents to send to Paul Hastings team	Luke Markham
5/5/2023	1.60	review RN's work for the rebuttal	Luna Dou
5/5/2023	1.40	internal call (LD, RN) to work through LEI rate model, rebuttal report chart	Luna Dou
5/5/2023	0.60	review JF's email on creating a bar chart for the executive summary	Luna Dou
5/5/2023	0.60	internal call (JF, LM, LD, RN) on plan for rebuttal report against bondholder expert reports	Luna Dou
5/5/2023	0.40	internal call (LD, RN) on rebuttal report bar chart after JF comments	Luna Dou
5/5/2023	1.40	create bar chart for the executive summary	Luna Dou
5/5/2023		draft email to JF to interpret the bar chart	Luna Dou
5/5/2023		review "summary of bondholder expert reports" put together by LEI	Luna Dou
5/5/2023		review Edwards' expert report	Luna Dou
5/5/2023	3.70	creating graphics, writing captions for rebuttal against bondholder expert reports	Ryan Ngai
5/5/2023		attend deposition call with Paul Hastings team	Ryan Ngai
5/5/2023	0.60	internal call (JF, LM, LD, RN) on plan for rebuttal report against bondholder expert reports	Ryan Ngai
5/5/2023		internal call (LD, RN) working through LEI rate model, rebuttal report chart	Ryan Ngai
5/5/2023	0.40	internal call (LD, RN) on rebuttal report bar chart after JF comments	Ryan Ngai
5/5/2023	3.30	revising LEI rate model in line with JF comments, including adjusting renewable buildout, DER and offgrid assumptions	Ryan Ngai
5/7/2023		review estimation claim testimonies	Julia Frayer
5/7/2023		attend claims estimation strategy call with Paul Hastings	Julia Frayer
5/7/2023		initial review of Chakraborty Claims Estimation report	Luke Markham
5/7/2023		attend claims estimation strategy call with Paul Hastings	Luke Markham
5/8/2023		call with S. Martinez about DR	Julia Frayer
5/8/2023	0.20	call with S. Maza and S. Martinez about filing in estimation case	Julia Frayer

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5/8/2023	0.10	review analysis for rebuttal	Julia Frayer	
5/8/2023	0.20	internal call (JF, LD) on analysis for rebuttal	Julia Frayer	
5/8/2023	0.40	review filing draft for 5/9/23	Julia Frayer	
5/8/2023	0.50	O review comment from Pedro on rebuttal outline and brainstorm on new Julia Frayer outline		
5/8/2023	1.30	draft table of contents for claims estimation rebuttal report	Luke Markham	
5/8/2023	2.60	research and correspond with JF regarding one-time rate increase vs.	Luke Markham	
		glide path		
5/8/2023	0.70	send email to Shlomo regarding Plastino opinion on one-time rate increase	Luke Markham	
5/8/2023	0.50	retrieve previous CFP Financial Models from Dataroom	Luke Markham	
5/8/2023	0.20	correspond with SJ about charts using previous CFP models	Luke Markham	
5/8/2023	0.40	check the demand assumptions in the bar chart created last week	Luna Dou	
5/8/2023	0.70	test out different assumptions so that net revenue with offgrid is lower $% \left\{ 1,2,,n\right\}$	Luna Dou	
5/8/2023	1.30	address JF's questions from emails	Luna Dou	
5/8/2023	1.10	put together a file that shows all the inputs for the bar chart for JF	Luna Dou	
5/8/2023		internal call (JF, LD) on analysis for rebuttal	Luna Dou	
5/8/2023	1.30	test out DERs and offgrid assumptions to see different results of net revenue	Luna Dou	
5/8/2023	0.70	generate 4 models with 4 sets of assumptions and send them to JF	Luna Dou	
5/8/2023	0.40	draft email to Victor with the results, ask for his advice	Luna Dou	
5/8/2023	0.90	go through the rate model to look for any potential issues	Luna Dou	
5/8/2023	0.70	update the model so that it links the correct tabs	Luna Dou	
5/8/2023	0.60	create charts from CFP models provided by LM	Siddharth Jaswal	
5/9/2023	1.20	call with lawyers to discuss rebuttals	Julia Frayer	
5/9/2023	0.60	review Plastino workpaper	Julia Frayer	
5/9/2023	0.30	respond to question about (Plastino workpaper)	Julia Frayer	
5/9/2023	0.80	internal call (JF, LM) to discuss Plastino and Shlomo question on	Julia Frayer	
5/9/2023	4.70	review Plastino expert report regarding claims estimation	Luke Markham	
5/9/2023	1.10	make edits and address comments on table of contents for claims estimation report	Luke Markham	
5/9/2023	0.40	research Plastino workpapers	Luke Markham	
5/9/2023	0.20	send email to Shlomo regarding	Luke Markham	
5/9/2023	0.80	internal call (JF, LM) to discuss Plastino and Shlomo	Luke Markham	
5/9/2023	0.60	correspondence with LD back and forth about the modeling	Luke Markham	
5/9/2023	0.40	review Victor's comments on the model	Luna Dou	
5/9/2023	0.90	breakdown the cost by key components – which part of the cost is variable	Luna Dou	
5/9/2023	0.90	check on whether the variable costs are really changing as customer amount decreases	Luna Dou	
5/9/2023	1.40	track down which line item is likely to have error on the rate model	Luna Dou	
5/9/2023	0.60	correspondence with LM back and forth about the modeling	Luna Dou	
5/9/2023	0.60	update model with new assumptions	Luna Dou	
5/9/2023		test out the rate model after the new update	Luna Dou	
5/9/2023		compile takeaways with the model and email JF	Luna Dou	
5/9/2023		create charts on the comparison of total energy consumption across	Luna Dou	
		different assumptions		
5/9/2023	0.60	draft rebuttal report section on residential income vs rates	Luna Dou	
5/9/2023		review model for Luna and provide comments	Victor Chung	
5/10/2023	2.90	prepare	Julia Frayer	

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5/10/2023		call with	Julia Frayer
5/10/2023		follow up to call	Julia Frayer
5/10/2023		attend Committee call meeting	Julia Frayer
5/10/2023		call with A Bongartz (PH) regarding Confirmation Plan	Julia Frayer
5/10/2023		internal call (JF, LM) to prepare for FOMB meeting	Julia Frayer
5/10/2023		internal call (JF, LM, LD) to discuss Claim Estimation rebuttal report	Julia Frayer
5/10/2023		internal call (JF, LM, LD) to discuss Claim Estimation rebuttal report	Luke Markham
5/10/2023	0.80	call with	Luke Markham
5/10/2023	1.10	internal call (JF, LM) to prepare for FOMB meeting	Luke Markham
5/10/2023	2.40	review Chakraborty confirmation analysis to prepare draft points for	Luke Markham
		FOMB	
5/10/2023	0.80	call with	Luna Dou
5/10/2023	1.30	research on elasticity studies to confirm that non-residential customers	Luna Dou
		are more responsive to price change	
5/10/2023	1.70	research on elasticity studies to confirm that high-income residential	Luna Dou
		customers are more sensitive to price change	
5/10/2023	0.30	attend Committee call meeting	Luna Dou
5/10/2023	0.90	compile research on elasticity studies into two tables for FOMB	Luna Dou
5/10/2023	1.60	internal call (JF, LM, LD) to discuss Claim Estimation rebuttal report	Luna Dou
5/10/2023	0.80	review Chakraborty's rebuttal report	Luna Dou
5/10/2023	0.40	review Chakraborty's rebuttal exhibit deck	Luna Dou
5/11/2023	0.60	review elasticity research identified in follow up to call with FOMB and	Julia Frayer
		experts and send to lawyers	
5/11/2023	0.70	review CFP 2017 model	Julia Frayer
5/11/2023	0.90	review again evidence in Claims Estimation case including Appendix C	Julia Frayer
		and other Exhibits in Chakraborty report	
5/11/2023	_	edit outline for rebuttal	Julia Frayer
5/11/2023		call with PH team to discuss rebuttal report	Julia Frayer
5/11/2023		internal call (JF, LM, LD) to brainstorm on analysis	Julia Frayer
5/11/2023	1.20	call with PH team to discuss rebuttal report to provide clarity on	Luke Markham
		questions relating to regulatory/policy research conducted	
5/11/2023		internal call (JF, LM, LD) to brainstorm on analysis	Luke Markham
5/11/2023		finalize table of contents for claims estimation rebuttal report	Luke Markham
5/11/2023		review amended Chakraborty claims estimation report and exhibits	Luke Markham
5/11/2023		review of CFP 2017 Financial Model and report	Luke Markham
5/11/2023	1.40	decode Chakbraborty's rebuttal exhibit 1 to 3 and make them into an excel file	Luna Dou
5/11/2023	1.60	decode Chakbraborty's rebuttal exhibit 4 and 5 and add them to the excel	Luna Dou
5/11/2023	1.20	call with PH team to discuss rebuttal report to provide clarity on	Luna Dou
		questions related to LEI modeling efforts/quantitative analysis	
		previously conducted	
5/11/2023	1.10	address JF's comments on the excel model for rebuttal	Luna Dou
5/11/2023	0.50	review the updated rebuttal outline from JF put together and identify	Luna Dou
		analysis tasks	
5/11/2023	2.10	internal call (JF, LM, LD) to brainstorm on analysis	Luna Dou
5/11/2023	1.10	set up the excel model for rebuttal and add color code	Luna Dou
5/12/2023	0.50	speak with Pedro (PH) about depo of Plastino and DR assumptions for	Julia Frayer
		Claims Estimation	
5/12/2023	1.60	review Plastino and think about depo	Julia Frayer
5/12/2023	0.40	call with Pedro (PH)	Julia Frayer
5/12/2023	1.10	review materials from LM and LD on rebuttal analysis	Julia Frayer

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5/12/2023	2 70	begin drafting PREB section of rebuttal report	Luke Markham
5/12/2023		begin drafting risks of operation section of rebuttal report	Luke Markham
5/12/2023		internal call (LM, LD) to discuss progress	Luke Markham
5/12/2023		review Chakraborty's Appendix C	Luna Dou
		find the WACC research details on the rate model for JF	
5/12/2023			Luna Dou
5/12/2023	2.70	add links and formulas on the rebuttal model based on new workpapers received from Paul Hastings	Luna Dou
5/12/2023	0.90	create a flow chart illustrating Chakraborty's approach on surplus revenues	Luna Dou
5/12/2023	0.10	internal call (LM, LD) to discuss progress	Luna Dou
5/12/2023	0.80	address JF's questions on details re Chakraboty's analysis	Luna Dou
5/12/2023	1.20	conduct analysis on glide path approach	Luna Dou
5/13/2023	1.60	begin drafting summary of Chakraborty section of rebuttal report	Luke Markham
5/13/2023	1.20	conduct analysis on total rate vs volumetric rate	Luna Dou
5/13/2023	0.90	modeling to address the issue of cross subsidies	Luna Dou
5/13/2023	0.60	using LEI rate model to test for DERs	Luna Dou
5/13/2023	0.40	apply DERs reduction to Chakraborty's model	Luna Dou
5/14/2023	1.90	review draft	Julia Frayer
5/14/2023	0.10	adjust the June 2023 budget	Julia Frayer
5/14/2023	0.10	format and submit the June 2023 budget	Julie Sharkey
5/14/2023	3.10	continue drafting summary of Chakraborty section, PREB section, risk of	Luke Markham
		operation section, future load section and commercial/industrial	
		section of rebuttal report	
5/15/2023	6.30	drafting rebuttal for Claims Estimation	Julia Frayer
5/15/2023		internal meeting (JF, LM, LD) to discuss progress	Julia Frayer
5/15/2023		continue work on summary of Chakraborty section, PREB section, and	Luke Markham
		operational risk section of rebuttal report	
5/15/2023	0.90	internal meeting (JF, LM, LD) to discuss progress	Luke Markham
5/15/2023		decode Chakraborty's surplus revenue model -operating expenses	Luna Dou
5/15/2023		decode Chakraborty's surplus revenue on residential revenue	Luna Dou
5/15/2023		decode Chakraborty's surplus revenue on C&I revenue	Luna Dou
5/15/2023		decode Chakraborty's surplus revenue (expense categories)	Luna Dou
5/15/2023		internal meeting (JF, LM, LD) to discuss progress	Luna Dou
5/15/2023		finish up decoding the surplus revenue model	Luna Dou
5/16/2023		call with S Martinez (Alix Partners) and lawyers at PH (Pedro and	Julia Frayer
-,,		Shlomo) to discuss Chakraborty's DR calculations & review strategy for	
		expert report	
5/16/2023	0.10	draft request about real vs nominal of CFP 2017	Julia Frayer
5/16/2023	2.70	read the rebuttal testimonies in POA	Julia Frayer
5/16/2023	3.10	internal brainstorming call (JF, LM, LD) on rebuttal	Julia Frayer
5/16/2023		continue on rebuttal drafting and analysis (discuss with LM and LD and	Julia Frayer
		call with MF)	•
5/16/2023	3.10	internal brainstorming call (JF, LM, LD) on rebuttal	Luke Markham
5/16/2023	1.50	call with S Martinez (Alix Partners) and lawyers at PH (Pedro and	Luke Markham
		Shlomo) to discuss Chakraborty's DR calculations & review strategy for expert report	
5/16/2023	5.10	continue work on future load and Commercial/Industrial sections of rebuttal report	Luke Markham
5/16/2023	0.40	internal call (LM, MF) to discuss elasticity studies	Luke Markham
5/16/2023		internal brainstorming call (JF, LM, LD) on rebuttal	Luna Dou
5/16/2023		update LEI rebuttal model based on new priorities discussed on the call	Luna Dou
5/16/2023	1.20	update glide path+cross subsidies test	Luna Dou
5/16/2023		conduct analysis on fixed vs variable portion of FPP	Luna Dou
5/16/2023		conduct analysis on inflated CapEx	Luna Dou

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5/16/2023	1.20	generate charts on findings	Luna Dou
5/16/2023		write around the charts	Luna Dou
5/16/2023		review academic article	Marie Fagan
5/16/2023	_	internal call (LM, MF) to discuss elasticity studies	Marie Fagan
5/17/2023		review and revision of Executive Summary and Summary of Chakraborty	_
3/17/2023	3.10	sections of rebuttal draft	Jana Frayer
5/17/2023	0.30	internal call (JF, LM, LD) to discuss DERs	Julia Frayer
5/17/2023		correspondence with team	Julia Frayer
5/17/2023		attend Committee Call meeting	Luke Markham
5/17/2023		correspondence with JF about DER analysis	Luke Markham
5/17/2023		address comments on summary of Chakraborty, PREB, operational risk,	
3, 2, , 2020	, 100	future load and Commercial/Industrial sections of rebuttal report	24.10.111411114111
		q.	
5/17/2023	2.40	DER analysis and conversion for model	Luke Markham
5/17/2023		internal call (LM, LD) to discuss update	Luke Markham
5/17/2023		internal call (JF, LM, LD) to discuss DERs	Luke Markham
5/17/2023		conduct test on DERs, combining actual data and projected data	Luna Dou
5/17/2023		create charts to highlight the gap between actual and projected DERs	Luna Dou
5/17/2023	1.00	email back and forth with LM and JF	Luna Dou
5/17/2023	0.30	internal call (JF, LM, LD) to discuss DERs	Luna Dou
5/17/2023	0.40	internal call (LM, LD) to discuss update	Luna Dou
5/17/2023		create a table which includes DER and net load for three customer	Luna Dou
		classes	
5/17/2023	2.00	finish the remaining analyses based on rebuttal modeling	Luna Dou
5/17/2023	1.80	work on rebuttal modeling to calculate surplus revenues for LEI's cases	Luna Dou
5/17/2023	2.00	check change in surplus revenues based on the revisions	Luna Dou
5/17/2023	0.70	put together findings in the rebuttal draft	Luna Dou
5/18/2023	13.50	drafting rebuttal for Claims Estimation	Julia Frayer
5/18/2023	2.30	internal call (JF, LM) on DER analysis	Julia Frayer
5/18/2023	2.20	internal call (JF, LM, LD) on progress of expert report and surplus	Julia Frayer
		revenue modeling	
5/18/2023	2.30	internal call (JF, LM) on DER analysis	Luke Markham
5/18/2023	2.20	internal call (JF, LM, LD) on progress of expert report and surplus	Luke Markham
		revenue modeling	
5/18/2023	9.40	continue addressing comments on each section of expert report	Luke Markham
5/18/2023	2.20	internal call (JF, LM, LD) on progress of expert report and surplus	Luna Dou
		revenue modeling	
5/18/2023		check change in surplus revenues using our model for rebuttal	Luna Dou
5/18/2023	1.00	Test and calculate changes in surplus revenues when accounting for	Luna Dou
- / - /		DERS	
5/18/2023		Test and calculate changes in surplus revenues based on total bill	Luna Dou
5/19/2023		drafting rebuttal for Claims Estimation	Julia Frayer
5/19/2023		listen to parts of deposition of Chakraborty	Julia Frayer
5/19/2023		internal call (JF, LM, LD) to discuss tasks	Julia Frayer
5/19/2023		continue addressing comments from JF on Expert Report	Luke Markham
5/19/2023		internal call (JF, LM, LD) to discuss tasks	Luke Markham
5/19/2023		internal call (JF, LM, LD) to discuss tasks	Luna Dou
5/19/2023		check on modeling to fix the issue in Chakraborty's revenue	Luna Dou
5/19/2023		creating graphs for the report	Luna Dou
5/19/2023		review the rebuttal model tab by tab for consistency	Luna Dou
5/19/2023		review draft and add interpretations on graphs	Luna Dou
5/19/2023		check the DERs tab to make sure it is reasonable	Luna Dou
5/19/2023	0.40	email back and forth to ask questions	Luna Dou

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5/20/2023	7.40	review draft report from Friday and revise key findings for new presentational format and discounting	Julia Frayer
5/20/2023	1.80	review rough desposition transcript for Chakraborty	Julia Frayer
5/21/2023	2.50	call with PH	Julia Frayer
5/21/2023	2.40	consider positive cashflow years test	Julia Frayer
5/21/2023		review draft brief from Shlomo and comments from Pedro	Julia Frayer
5/21/2023	0.30	respond to comments/ideas around \$80 claim for UCC being a cost	Julia Frayer
5/21/2023		back and forth with PH attorneys	Julia Frayer
5/21/2023		work on acronyms table	Luke Markham
5/21/2023		review correspondence between Paul Hastings, Scott and Julia	Luke Markham
5/21/2023		draft language for Shlomo	Luke Markham
5/21/2023		answer Shlomo question on net revenues	Luke Markham
5/21/2023		review comments on operational risk section	Luke Markham
5/21/2023		update charts for the rebuttal report (Future load and	Luna Dou
3,21,2023	0.50	commercial/industrial sections) based on modeling results	Lana Boa
5/21/2023	U 8U	create graphs for summary of LEI corrections section of rebuttal report	Luna Dou
3/21/2023	0.60	create graphs for summary of Electronic section of resultar report	Luna Dou
5/21/2023	0.60	check Chakraborty's model	Luna Dou
5/21/2023	0.90	write up chakraborty incremental cashflows and chakraborty	Luna Dou
		understatement of costs sections of rebuttal report	
5/21/2023	0.70	check the model to find issues regarding surplus revenue timeframes	Luna Dou
5/21/2023	1.30	finish writing up the rest of LEI's correction section of rebuttal report	Luna Dou
5/22/2023	5.70	comprehensive final review of rebuttal report	Julia Frayer
5/22/2023	0.20	internal call (JF, LD) regarding PH question on LEI correction's section	Julia Frayer
			-
5/22/2023		internal check-in call (JF, LM, LD) to discuss progress	Julia Frayer
5/22/2023		internal call (JF, LM, LD) final review of rebuttal report	Julia Frayer
5/22/2023		call with Paul Hastings team/LEI team (JF, LD) to review draft	Julia Frayer
5/22/2023	1.90	proofread rebuttal report (checked for grammar/spelling, consistency, and citations)	Karl Nunoo
5/22/2023		draft bibliography of expert report	Luke Markham
5/22/2023		review comments from Paul Hastings, JF	Luke Markham
5/22/2023		proofread and edit report	Luke Markham
5/22/2023	3.40	update charts in Operational risk, Future load, and	Luke Markham
		Commercial/Industrial customer sections	
5/22/2023	0.80	internal call (LM, SM) to coordinate LCOE chart	Luke Markham
5/22/2023	0.80	internal check-in call (JF, LM, LD) to discuss progress	Luke Markham
5/22/2023	1.10	call with Paul Hastings team/LEI team (JF, LD) to review draft	Luke Markham
5/22/2023	1.20	internal call (JF, LM, LD) final review of rebuttal report	Luke Markham
5/22/2023	0.30	check the timeframes of the elasticity studies used for rebuttal	Luna Dou
5/22/2023	0.40	update numbers in executive summary of the rebuttal	Luna Dou
5/22/2023	0.90	re-create all graphs in summary of LEI corrections section of rebuttal	Luna Dou
		reflecting a comparison to LEI Case 1	
5/22/2023	1.80	address Julia's comments on summary of LEI corrections section of rebuttal	Luna Dou
5/22/2023	1.10	fix the model to reflect the correct surplus revenues for LEI Case D	Luna Dou
5/22/2023		addressing Julia's questions on Case A of the model through emails	Luna Dou
5/22/2023		update all charts by including case numbers to the legend	Luna Dou
5/22/2023		internal check-in call (JF, LM, LD) to discuss progress	Luna Dou
5/22/2023		call with Julia regarding Paul Hasting's question on the summary of LEI's	
, ,		correction section of rebuttal	
5/22/2023	0.20	internal call (JF, LD) regarding PH question on the summary of LEI's correction section of rebuttal	Luna Dou

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5/22/2023		review Plastino model	Luna Dou
5/22/2023	0.30	draft email to Paul Hasting explaining our thoughts on LEI's correction section of rebuttal	Luna Dou
5/22/2023	1.00	edit LEI's correction section to address Paul Hasting's concern on duplication	Luna Dou
5/22/2023	0.50	update discount rate for all analysis and charts	Luna Dou
5/22/2023		final check on the model for the rebuttal	Luna Dou
5/22/2023		internal call (JF, LM, LD) final review of rebuttal report	Luna Dou
5/22/2023		internal call (LM, SM) to coordinate LCOE chart	Sayad Moudachirou
5/22/2023		develop a backcast LCOE for CHP technologies	Sayad Moudachirou
5/23/2023		preliminary review of Chakraborty rebuttal to Plastino	Luke Markham
5/23/2023		check and fix font on LEI's model for the rebuttal report	Luna Dou
5/23/2023		check and fix colors on LEI's model for the rebuttal report	Luna Dou
5/23/2023		organize tabs by the correct order for LEI's model for the rebuttal report	
5/23/2023	0.40	remove tabs from model that are not included in the rebuttal	Luna Dou
5/23/2023	1.60	go through each tab of the model row by row to remove irrelevant information	Luna Dou
5/23/2023	1.40	fix formatting issues on all tabs for the model	Luna Dou
5/23/2023		color code all data based on source, calculations, etc for the model	Luna Dou
5/23/2023		remove comments and notes on all tabs of the model	Luna Dou
5/23/2023		re-name each tab of the model	Luna Dou
5/23/2023		reviewing LEI rebuttal report for deposition prep	Ryan Ngai
5/23/2023		preparing one-pager review of LUMA proposed budget in context of criticisms of PREPA's 2022 CFP	Ryan Ngai
5/24/2023	0.30	e-mail to Julia regarding bond interest rates	AJ Goulding
5/24/2023		discuss clean up of workpapers	Julia Frayer
5/24/2023		review Chakraborty's rebuttal	Julia Frayer
5/24/2023		attend Committee call to discuss progress on litigation	Julia Frayer
5/24/2023		review letter from fee examiner regarding the third interim filing and prepare response	Julie Sharkey
5/24/2023	2 20	review Chakraborty Rebuttal report to Plastino	Luke Markham
5/24/2023		draft memo summarizing Chakraborty report	Luke Markham
5/24/2023		attend Committee Call	Luke Markham
5/24/2023		create cover page on the rebuttal model	Luna Dou
5/24/2023		color code data on the model that comes from Chakraborty's report	Luna Dou
5/24/2023		color code data on the model that is based on LEI's calculations	Luna Dou
		make sure the model has no external links	Luna Dou
5/24/2023 5/24/2023		change the set up of the model so that it can print correctly	Luna Dou
5/24/2023		add the "README" tab that has descriptions to all tabs of the model	Luna Dou
5/24/2023		internal call (LD, RN) on PREPA 2017 model revision for publication	Luna Dou
5/24/2023		coordinate with Ryan asking him to review the model	Luna Dou
5/24/2023		coordinate with Kyan asking min to review the model	Luna Dou
5/24/2023		go over Chakraborty's rebuttal filed on Monday (05/22)	Luna Dou
5/24/2023		revising one-pager review of LUMA proposed budget in context of	Ryan Ngai
		criticisms of PREPA's 2022 CFP for JF review	, -
5/24/2023		reviewing PREPA 2017 model to send to PH team for production	Ryan Ngai
5/24/2023		revising PREPA 2017 model for publication after JF comments	Ryan Ngai
5/24/2023		internal call (LD, RN) on PREPA 2017 model revision for publication	Ryan Ngai
5/25/2023		initial scan of clean workpapers pre-submission	Julia Frayer
5/25/2023		internal call (JF, LM, LD, RN) on depo prep	Julia Frayer
5/25/2023		call with Paul Hastings about Depo prep	Luke Markham
5/25/2023		internal call (JF, LM, LD, RN) on depo prep	Luke Markham
5/25/2023		coordinate documents relied upon for submission	Luke Markham
5/25/2023	0.20	update cover page for the model based on Julia's comments	Luna Dou

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5/25/2023	0.60	add sources to all external data on "README" tab	Luna Dou
5/25/2023		add back graphs and move them all to separate tabs	Luna Dou
5/25/2023		check over the terminology used in the model to make sure they match	
-, -, -		the rebuttal report	
5/25/2023	0.70	remove the repeated columns on each tab	Luna Dou
5/25/2023	1.00	color code all inputs that were imported from other places to the model	Luna Dou
		·	
5/25/2023	1.20	conduct spell check on all tabs of the model	Luna Dou
5/25/2023	0.40	check on formatting of the model	Luna Dou
5/25/2023	0.50	finish reading Chakraborty's rebuttal filed on Monday (05/22)	Luna Dou
5/25/2023	0.80	internal call (JF, LM, LD, RN) on depo prep	Luna Dou
5/25/2023	3.70	collating documents and supporting files used in LEI rebuttal report for	Ryan Ngai
		disclosure	
5/25/2023	2.10	arranging supporting documentation to print for JF deposition prep &	Ryan Ngai
		use in court	
5/25/2023		internal call (JF, LM, LD, RN) on depo prep	Ryan Ngai
5/25/2023		reviewing Chakraborty YTM calculations for deposition prep	Ryan Ngai
5/26/2023		call with Julia on cost of capital for near default entities	AJ Goulding
5/26/2023		start preparing for deposition	Julia Frayer
5/26/2023		talk to AJ about discount rates	Julia Frayer
5/26/2023	-	review LCOEs back in 2017	Julia Frayer
5/26/2023	1.30	go over the final rebuttal report to check if there are corrections	Luna Dou
F /2.5 /2.022	0.70	needed	
5/26/2023		compile corrections for the rebuttal report	Luna Dou
5/26/2023		work on a redline file incorporating the corrections	Luna Dou
5/26/2023		review mock cross question examples that LEI has done in the past	Luna Dou
5/26/2023		prepare draft mock cross questions and answers for JF	Luna Dou
5/26/2023		coordinate with RN on Mock Cross questions list	Luna Dou
5/26/2023 5/26/2023		compiling mock cross questions for deposition prep	Ryan Ngai Ryan Ngai
3/20/2023	2.60	developing PR-specific levelized costs of energy for residential/commercial solar PV in 2017 in support of deposition prep	Nyaii Ngai
		residential/commercial solar FV III 2017 III support of deposition prep	
5/26/2023	1.60	reviewing & revising Luna Dou (LEI)'s mock cross questions	Ryan Ngai
5/29/2023		review research related to discount rates	Julia Frayer
5/29/2023	3.20	researching historical bond yields for PREPA bonds	Ryan Ngai
5/29/2023		developing PR-specific costs for CHP systems in 2017 in support of	Ryan Ngai
		deposition prep	
5/29/2023	2.90	researching allowed ROEs for island utilities in support of deposition	Ryan Ngai
		prep	
5/30/2023		discuss bond yieids with Shashwat	Julia Frayer
5/30/2023		internal call (JF, RN) on discount rate research	Julia Frayer
5/30/2023		prepare for depo prep	Julia Frayer
5/30/2023	0.20	additional tasks related to preparation of monthly invoice in accordance	Julia Frayer
T /00 /0000		with interim compensation procedures	
5/30/2023		call with PH and LEI team regarding deposition prep	Julia Frayer
5/30/2023		assign additional depo prep to LEI team	Julia Frayer
5/30/2023		call with PH and LEI team regarding deposition prep	Luke Markham
5/30/2023		comprehensive review of redline of LEI rebuttal report	Luke Markham
5/30/2023		organize mock cross questions by topic	Luna Dou
5/30/2023		call with PH and LEI team regarding deposition prep	Luna Dou
5/30/2023		revise mock cross questions and answers	Luna Dou
5/30/2023		revise rebuttal redline based on new issues identified	Luna Dou
5/30/2023 5/30/2023		call with PH and LEI team regarding deposition prep internal call (JF, RN) on discount rate research	Ryan Ngai Ryan Ngai
5/30/2023		researching PREPA historical bond yields for discount rate research	Ryan Ngai
3/30/2023	3.60	researching river a historical bolla yields for discoull rate research	nyan Ngal

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Total	574.80		
5/31/2023	2.80	misc. discount rate research, including definitions & possible indices	Ryan Ngai
-, 3-, -0-0	0	research	
5/31/2023	2.20	researching historical Treasury rates in support of discount rate	Ryan Ngai
5, 51, 2025	4.50	EMMA for discount rate research	nyan Ngai
5/31/2023		researching PREPA historical bond transactions from 2015-2017 on	Ryan Ngai
5/31/2023		internal call (JF, LM, LD, RN) on depo prep	Ryan Ngai
5/31/2023		call with Scott Martinez (Alixpartners) on discount rates	Ryan Ngai
5/31/2023		check LEI's model for the rebuttal re details on the DER case	Luna Dou
5/31/2023		reach out to Paul Hastings to correct an error in the declaration	Luna Dou
5/31/2023		finish checking all details in declaration	Luna Dou
5/31/2023		internal call (JF, LM, LD, RN) on depo prep	Luna Dou Luna Dou
5/31/2023		update graphs on the redline based on JF's comments	Luna Dou
5/31/2023		finish revising mock cross questions and answers	Luna Dou
5/31/2023		address Julia's comments on the declaration	Luna Dou
5/31/2023		correspond with team to answer questions about rate increase	Luna Dou
5/31/2023		update the redline for rebuttal	Luna Dou
5/31/2023		review JF's declaration to make sure all info is accurate	Luna Dou
5/31/2023	_	internal call (JF, LM, LD, RN) on depo prep	Luke Markham
5/31/2023		coordinate final edits on declaration with LD	Luke Markham
5/31/2023		draft bullet point list of changes to redline	Luke Markham
5/31/2023		finish redline of rebuttal report	Luke Markham
5/31/2023		depo prep	Julia Frayer Julia Frayer
5/31/2023		declaration prep	Julia Frayer
5/31/2023		internal call (JF, LM, LD, RN) on depo prep, mock cross	Julia Frayer
5/30/2023 5/31/2023		discuss bond yields with Julia deposition prep - review and provide comments to team	Shashwat Nayak Julia Frayer
E /20/2022	0.50	research	Chachwat Navak
5/30/2023	0.50	drafting email to Scott Martinez asking for help on discount rate	Ryan Ngai